



Architectural lighting

Designing your lighting solutions







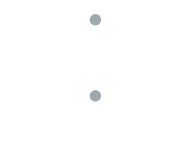
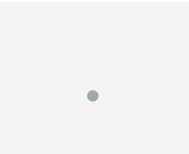
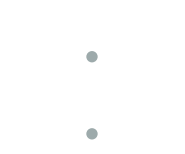
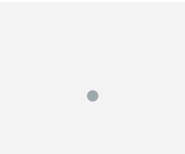


Architectural Indoor Lighting

Energy efficiency through
innovative design.

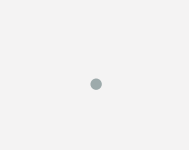
Recessed Downlights	4-275
Track Lights	276-344
Surface Mounted / Pendant Downlights	345-363

Overview-Downlights





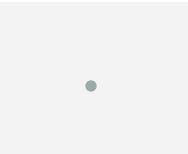

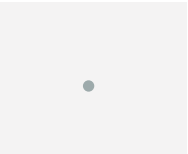
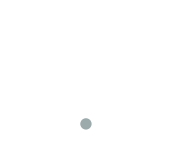
					
	ICL 36 Fixed and adjustable	ICL 13 Fixed and adjustable	ICL03/04 Fixed and adjustable	ICL 38 Fixed and adjustable	ICL 05 Adjustable
Performances					
Optic	11°/15°/18°/24° 30°/36°/45°/50° Oval Flood	15°/20°/24°/30° 36°/40°/45°	15°/20°/24°/30° 36°/45°	11°/15°/18° 24°/36°/50°	15°/20°/24°/30° 36°/45°/60°
Power	3W/5W/8W/10W/12W 20W/25W/30W	10W/15W/20W 25W/30W/40W	8W/15W/20W 30W/40W	5W/8W/10W 12W/15W	10W/15W/20W/30W
Light flow	180M-2400LM	850LM-3400LM	560M-2800LM	640M-720LM	500LM-1500LM
CCT	2700K-5000K	2700K-4000K	2700K-5000K	2700K-5000K	2700K-5000K
Dimming Type	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
UGR	<10	<19	<19	<19	<19
versions					
Narrow trim					
Trimless					
Round					
Square					
Accessories					
Optics	A/B/C/D/E/F/G/I	G	G	G	G/I



ICL 36
Wall Washer

Performances	
Optic	Wall Washer
Power	5W/8W/10W/12W 20W/25W/30W
Light flow	400LM-2400LM
CCT	2700K-4000K
Dimming Type	DALI/TRIAC/1-10V
UGR	
versions	
Narrow trim	
Trimless	
Round	
Square	

Accessories:
A Honeycomb Filter B Stripped Glass C Cross-grille D Red Filter E Green Filter F Blue Filter
G Interchangeable Reflector H Interchangeable Face Ring I Interchangeable Inner Ring

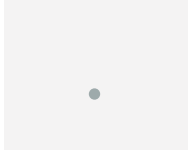

				
	ICL 25 Fixed and adjustable	ICL 15 Fixed and adjustable	ICL 06 Fixed and adjustable	ICL 07 Fixed and adjustable
Performances				
Optic	12°/15°/18°/20°/24° 30°/32°/36°/45°	10°/15°/24°/30°/36°	15°/20°/24°/30° 36°/45°/60°	15°/20°/24°/30° 36°/45°/60°
Power	2W/3W/5W/8W	10W/15W	8W/10W/15W 20W/30W	8W/10W/15W 20W/30W
Light flow	120LM-480LM	500LM-750LM	520LM-1950LM	520LM-1950LM
CCT	2700K-5000K	2700K-5000K	2700K-5000K	2700K-5000K
Dimming Type		DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
UGR	<19	<19	<19	<19
versions				
Narrow trim				
Trimless				
Round				
Square				
Accessories				
Optics	G	H		









IDL 15-R
COB



IDL 16

Performances		
Optic	60°	90°
Power	5W/8W/10W/15W 20W/25W/30W	7W/9W/12W 15W/20W/23W
Light flow	400LM-2400LM	630LM-2070LM
Colour temperature	2700K-5000K	2700K-5000K
Dimming Type	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
UGR		
versions		
Narrow trim		
Trimless		
Round		
Square		
Accessories		
Optics		

Overview-Downlights

					
	IDL 03 SMD IP 65	IDL 03 COB IP 65	IDL 03 LENS	IDL 02	IDL 15-D SMD
Performances					
Optic	90°	60°	30°/35°/45° 75°/80°/85°	90°	90°
Power	9W/15W/20W 30W/40W/50W	9W/15W/20W 30W/40W/50W	9W/15W/20W 30W/40W/50W	12W/15W/25W 30W/35W	5W/7W/9W/12W 15W/20W/23W/30W
Light flow	855LM-4750LM	855LM-4750LM	810LM-4500LM	1020LM-2975LM	450LM-2700LM
Colour temperature	2700K-6500K	2700K-6500K	2700K-6500K	2700K-5000K	2700K-5000K
Dimming Type	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
UGR					
versions					
Narrow trim					
Trimless					
Round					
Square					
Accessories					
Optics					
					
	IBL 03 Gimbal+ adjustable				
Performances					
Optic	10°/15°/20°/24° 30°/36°/45°/60°				
Power	10W/15W/20W/30W 40W/45W/60W/90W				
Light flow	800M-7200LM				
CCT	2700K-5000K				
Dimming Type	DALI/TRIAC/1-10V				
UGR	<19				
versions					
Narrow trim					
Trimless					
Round					
Square					
Single head					
Double head					
Triple head					
Accessories					
Optics					

Accessories:
A Honeycomb Filter B Stripped Glass C Fabric Glass D Interchangeable Reflector

Precise light control technology



Cooperate with the top optical design company, adopted advanced optical design system, researched the optical parts with precision light distribution, high illumination, homogeneous light.

Optics



Narrow 0°- 5° Medium 8°-2 ° Wide 26°-36°



Flood 0°-60° General 80°- 00° Wall Washer



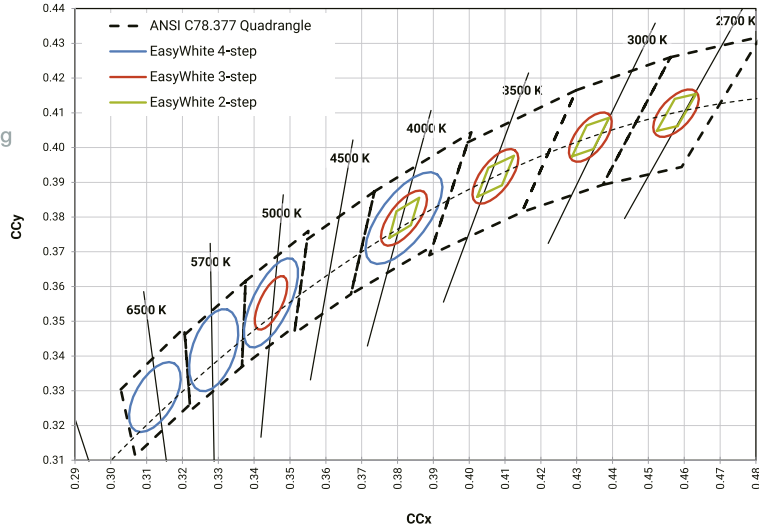
Oval Flood

Various optional Angles of lighting distribution to meet different lighting requirements.

Overview-Tracks

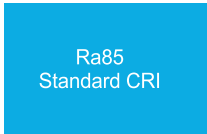
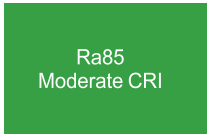
Color tolerance

We select the best suppliers in the world to ensure constant and repetitive LED selection in order to ensure colour uniformity not only over time but also between different products included in the same lighting project. Mac Adam<3 is standard for us

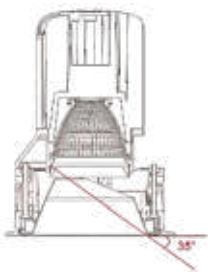


CRI

LED lamps are with excellent color expressive force, show that all above 80, specific items can be more than 90, make the content more bright and clear, real reflect the goods material and color, improve the grade of products.



Super comfort optics



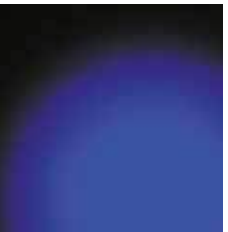
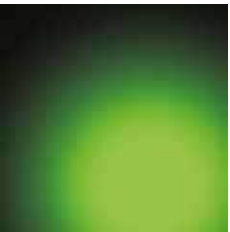
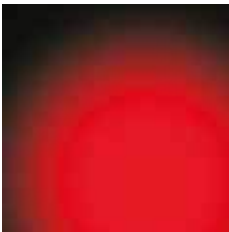
The new super comfort optics achieves a value of UGR< 9 eliminating glare .



Optical accessories

Color filter

Filter combination, using color to strong Harmonizing space and objects.



Fabric Glass

This lamp can solve the phenomenon of uneven spot very well.



With Fabric Glass

Without Fabric Glass



Stripped Glass




Various types of lens allow the lighting distribution of the main optics to be modified, thereby achieving highly professional lighting effects.


ICL36 Anti-glare Series

Narrow trim




Trimless






Fixed





Adjustable





Wall Washer




⌀ 50



⌀ 55



⌀ 75





Roundlet

Ellipse

Anti-fog

⌀ 83





Roundlet


Ellipse

Anti-fog

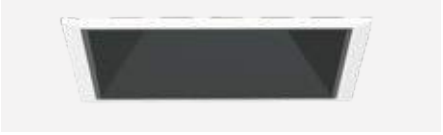
⌀ 100



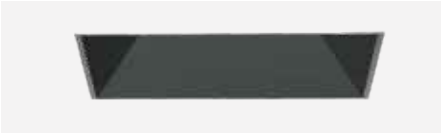
⌀ 110




Narrow trim




Trimless








Fixed



Adjustable

75*75





Square

Square

Anti-fog

100*100



Square

Anti-fog

10

11

ICL36 Anti-glare Series Fixed Downlight

High power COB downlight and high brightness with double reflectors design, shares with you the shining light and gorgeous feeling without glare.



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively and ensure the lamp performance and long lifespan.

Variety of Reflectors

4 types of reflector choices

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.



High-power LED
SDCM<3



Different light
distributions



Optischer cut-off 35°



Different sizes



Different color
filters



Excellent thermal
management



DALI dimming



IP level



Different color
temperatures



EMC - optimised



Different dimming

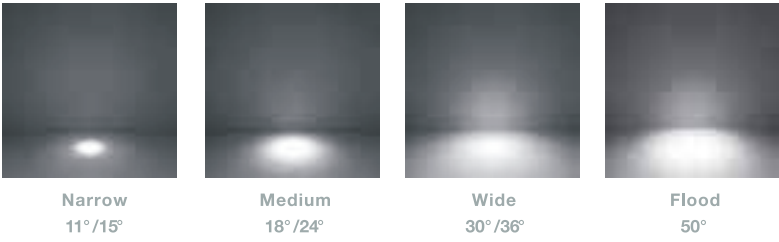


Horizontal 360°



Deep anti-dazzle

Optics



Narrow trim



Trimless



Accessories



For different applications, ICL36 has Round and Square, Trimless and Narrow Trim, total 6 options. Designers can choose power, beam angle, CCT, CRI chip on board light source. Varieties of accessories for unique design - honey-comb filter, cross-grille, tensile lens, color filter, etc. All these flexible modules are easily to check and replaced, which will save money and energy on the after-sales maintainance.





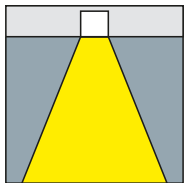
Narrow trim 2inch Fixed 50



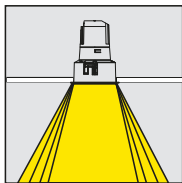
W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
3W	150	18°	5W	200	18°
3W	150	30°	5W	200	30°
3W	150	36°	5W	200	36°



Model	Power	Beam Angle	CCT	CRI	Relector	Optical Accessories
ICL36L-1D-2F	3W	18	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		30	3000K			
	5W	36	4000K			
			5000K			

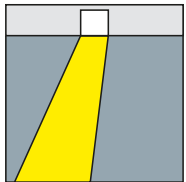


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

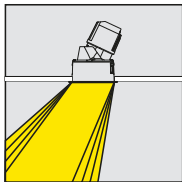


Downlights (Fixed)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
3W-12W
180lm-720lm

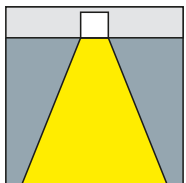


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

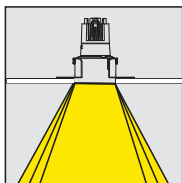


Directional luminaires (Adjustable)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
3W-12W
180lm-720lm

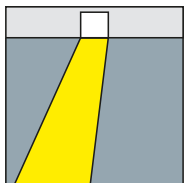


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

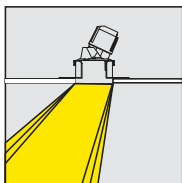


Downlights (Fixed)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
3W-12W
180lm-720lm



Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.



Directional luminaires (Adjustable)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

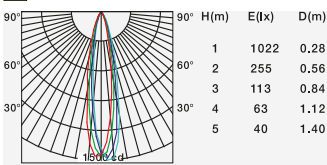
LED
3W-12W
180lm-720lm

Medium



18°

3000K 18° Ra>90



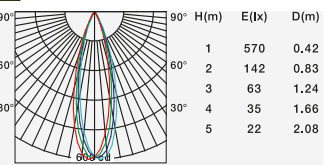
Beam angle 18 °
Output power 3W
Luminous flux 125lm

Wide



30°

3000K 30° Ra>90



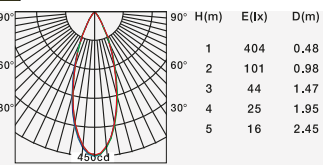
Beam angle 30 °
Output power 3W
Luminous flux 124lm

Wide



36°

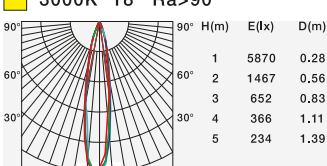
3000K 36° Ra>90



Beam angle 36 °
Output power 3W
Luminous flux 132lm

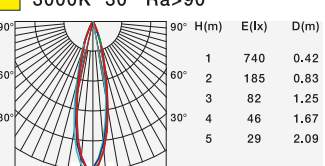
3W

3000K 18° Ra>90



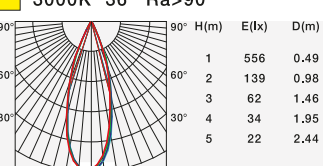
Beam angle 18 °
Output power 5W
Luminous flux 166lm

3000K 30° Ra>90



Beam angle 30 °
Output power 5W
Luminous flux 126lm

3000K 36° Ra>90



Beam angle 36 °
Output power 5W
Luminous flux 174lm

5W

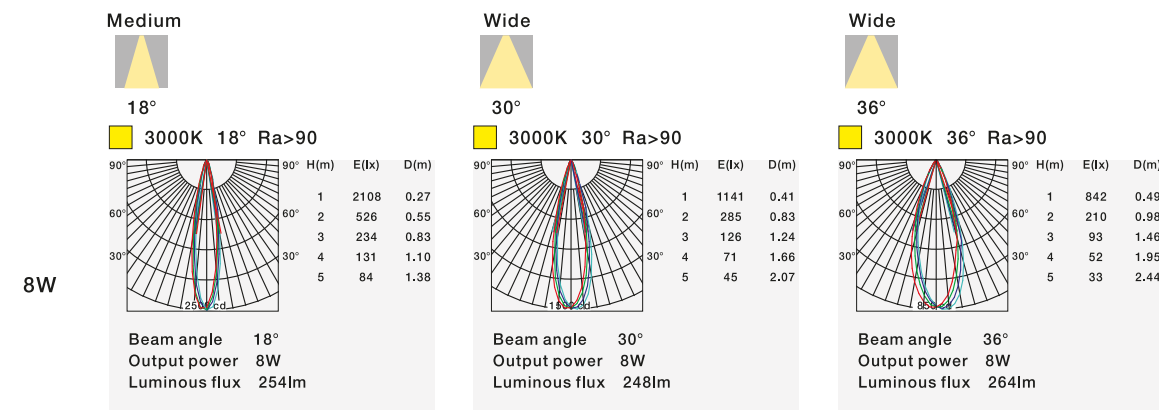
Narrow trim
2inch Fixed 50



W	LM	Optic
3000K-CRI 90		
8W	300	18°
8W	300	30°
8W	300	36°



Model	Power	Beam Angle	CCT	CRI	Relector	Optical Accessories
ICL36L-1D-2F	8W	18°	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		30°	3000K			
		36°	4000K			
			5000K			



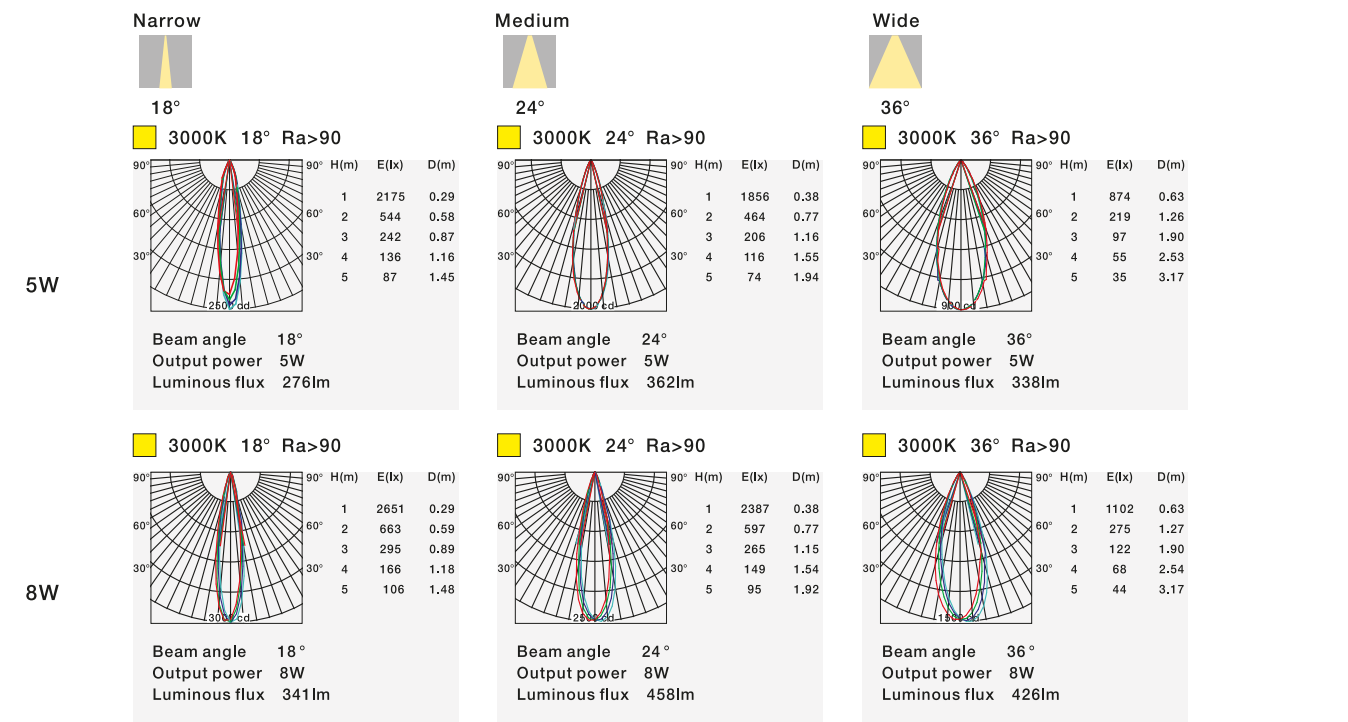
Narrow trim
3inch Fixed 75



W	LM	Optic
3000K-CRI 90		
5W	360	11°
5W	360	15°
5W	360	18°
5W	360	24°
5W	360	36°
5W	360	50°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1D-3F-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°		3000K			
		18°		4000K			
		24°		5000K			
		36°					

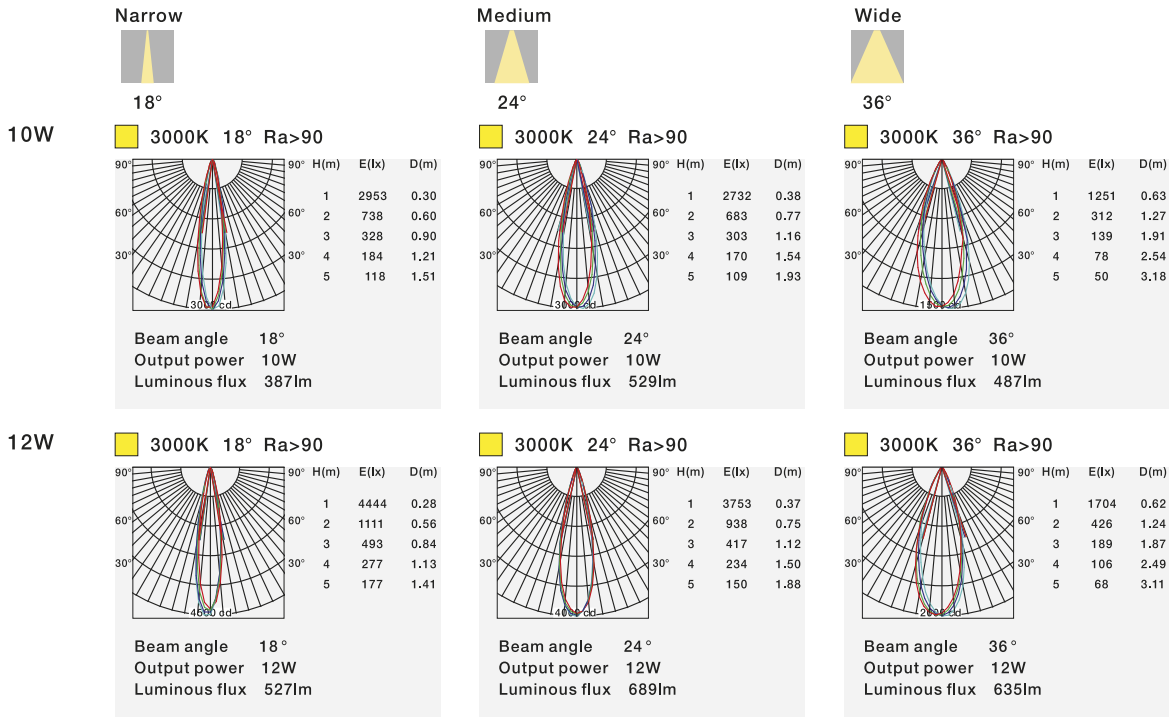


Narrow trim
3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	11°	12W	650	15°
10W	500	15°	12W	650	18°
10W	500	18°	12W	650	24°
10W	500	24°	12W	650	36°
10W	500	36°	12W	650	50°
10W	500	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1D-3F-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°		3000K			
		18°		4000K			
		24°		5000K			
		36°					
		50°					

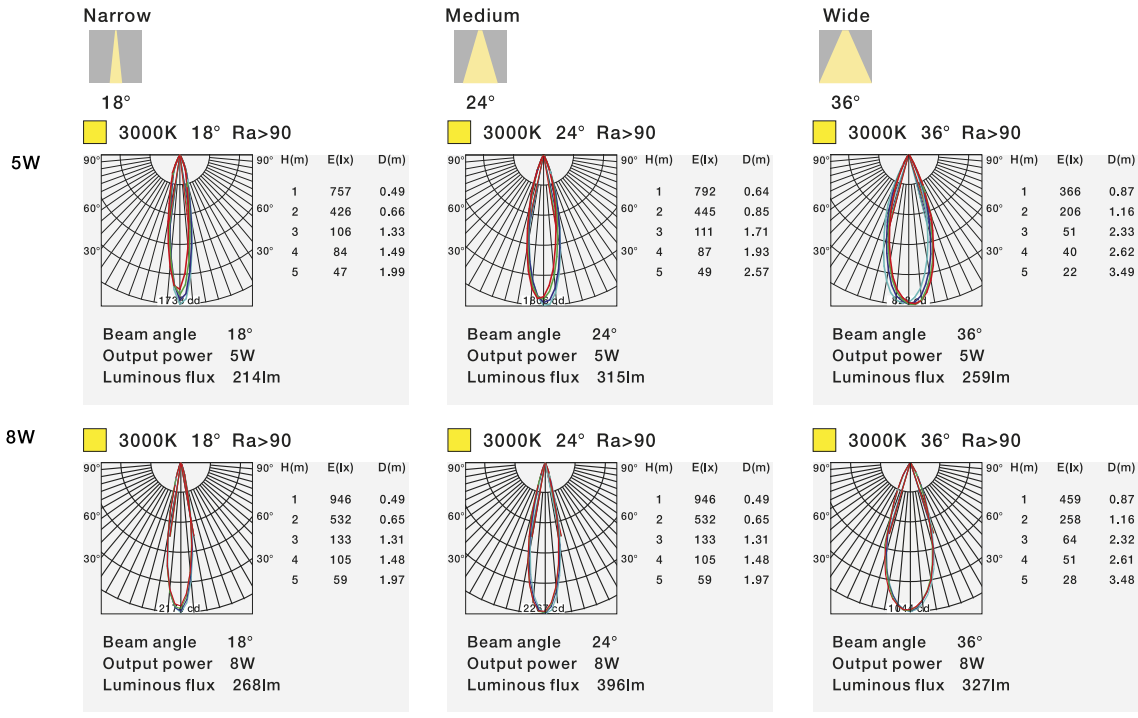


Narrow trim
3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	300	11°	8W	400	11°
5W	300	15°	8W	400	15°
5W	300	18°	8W	400	18°
5W	300	24°	8W	400	24°
5W	300	36°	8W	400	36°
5W	300	50°	8W	400	50°

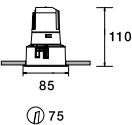
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ICL36L-1S-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°		3000K		
		18°		4000K		
		24°		5000K		
		36°				
		50°				



Narrow trim
3inch Fixed 75



W	LM	Optic
3000K-CRI 90		
10W	480	11°
10W	480	15°
10W	480	18°
10W	480	24°
10W	480	36°
10W	480	50°



W	LM	Optic
3000K-CRI 90		
12W	600	15°
12W	600	18°
12W	600	24°
12W	600	36°
12W	600	50°

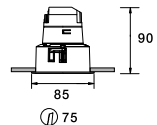


Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ICL36L-1S-3F-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°				
		18°				
		24°				
		36°				
		50°				

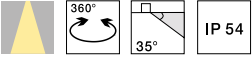
Narrow trim
3inch Fixed 75



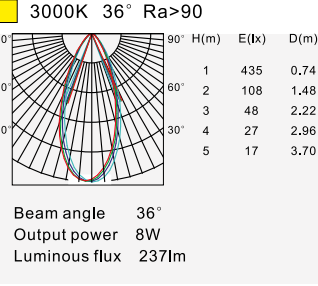
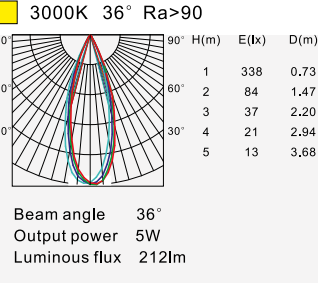
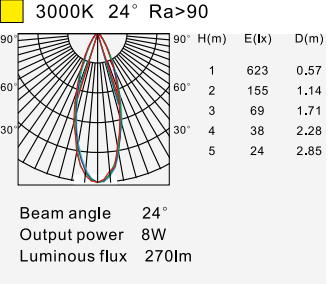
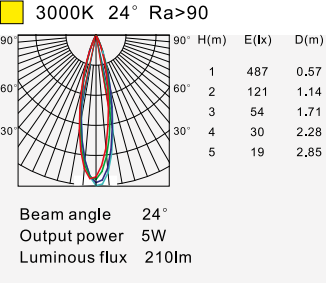
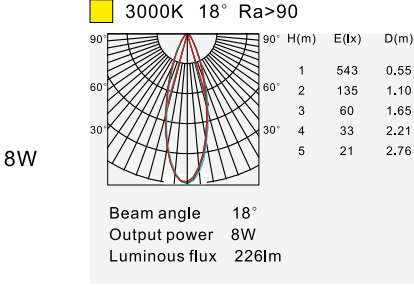
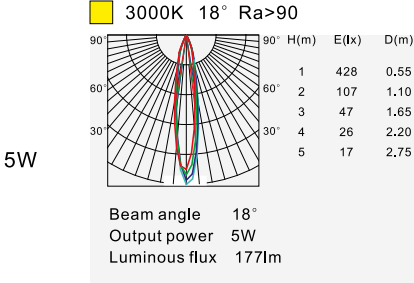
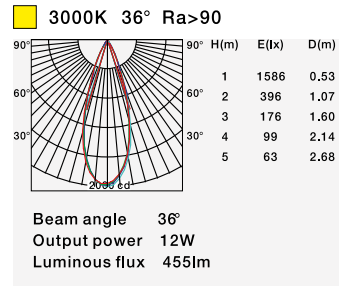
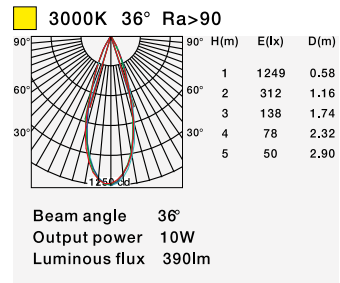
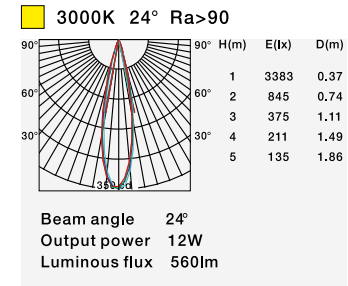
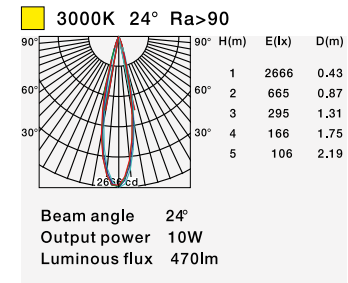
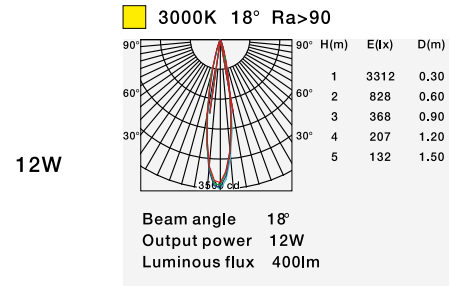
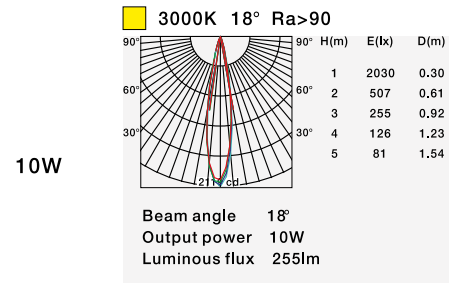
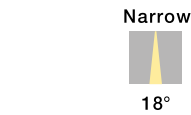
W	LM	Optic
3000K-CRI 90		
5W	300	11°
5W	300	15°
5W	300	18°
5W	300	24°
5W	300	36°
5W	300	50°




W	LM	Optic
3000K-CRI 90		
8W	400	11°
8W	400	15°
8W	400	18°
8W	400	24°
8W	400	36°
8W	400	50°







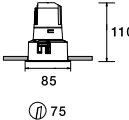
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-1P-3F-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			
		50°			




Narrow trim
3inch Fixed 75







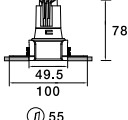
W	LM	Optic	W	LM	Optic
3000K-CRI 90					
10W	400	11°	12W	500	15°
10W	400	15°	12W	500	18°
10W	400	18°	12W	500	24°
10W	400	24°	12W	500	36°
10W	400	36°	12W	500	50°
10W	400	50°			



Trimless
2inch Fixed 55

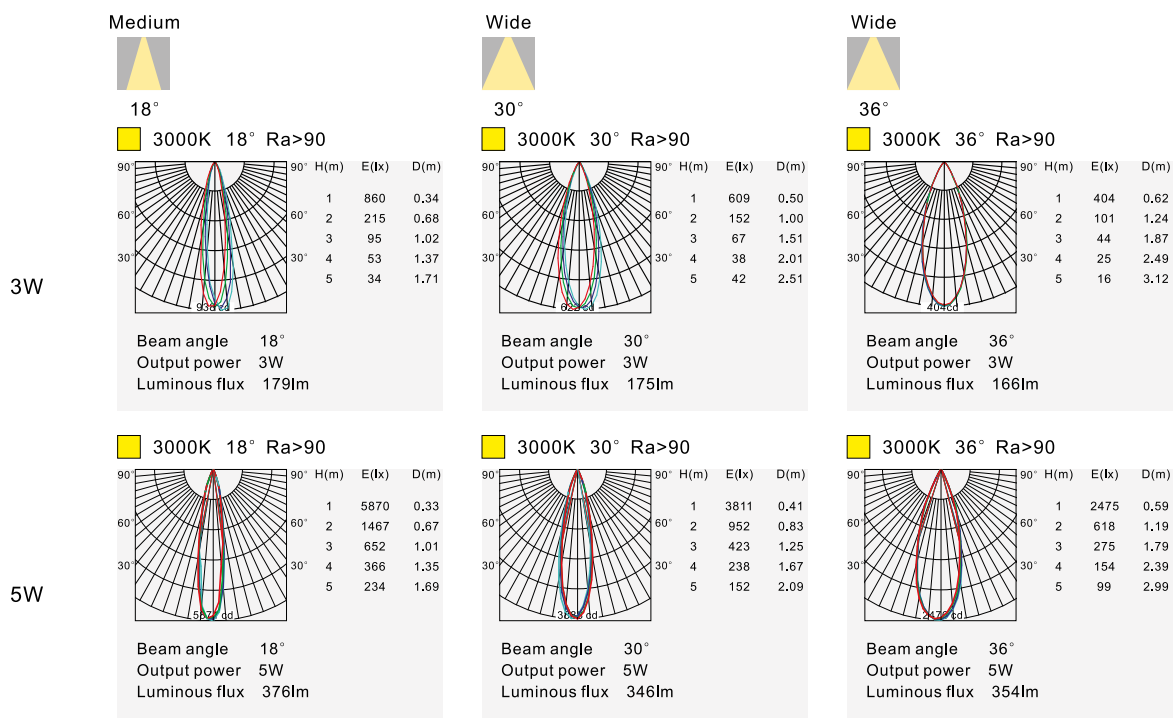
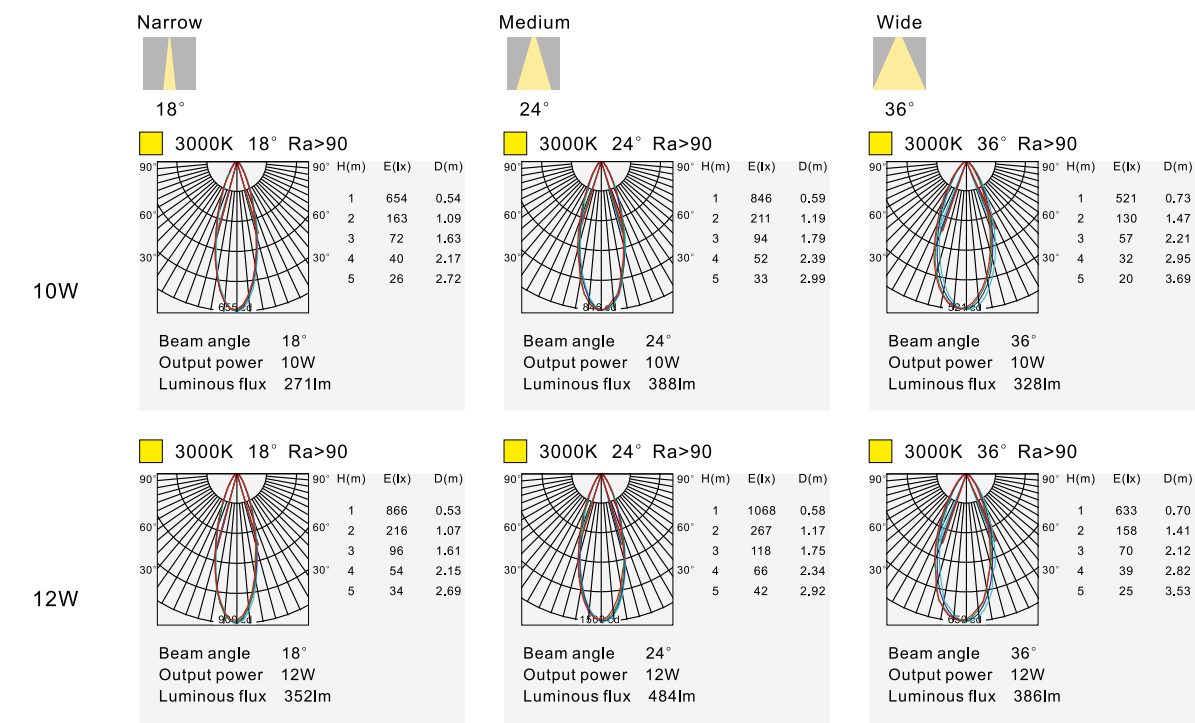


W	LM	Optic	W	LM	Optic
3000K-CRI 90					
3W	180	18°	5W	400	18°
3W	180	30°	5W	400	30°
3W	180	36°	5W	400	36°

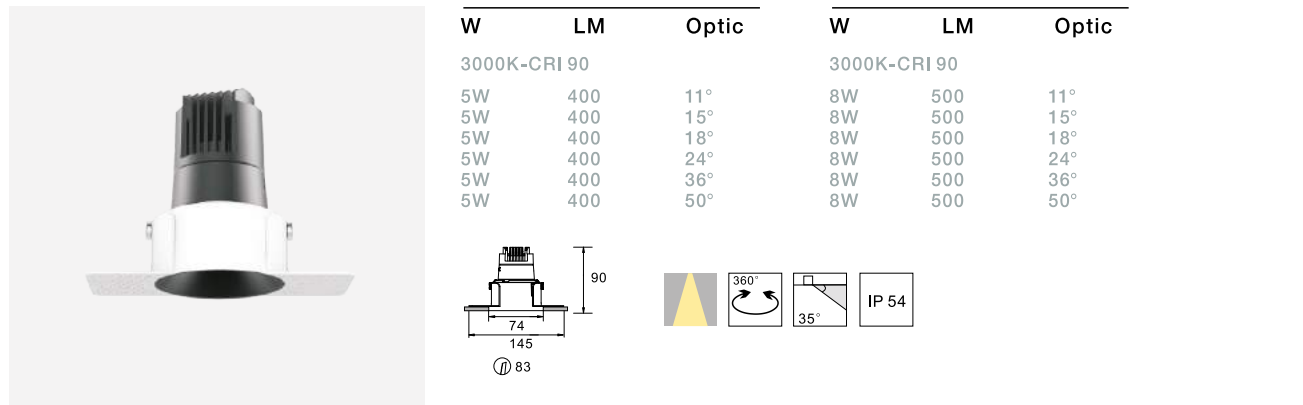


Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-1P-3F-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			
		50°			

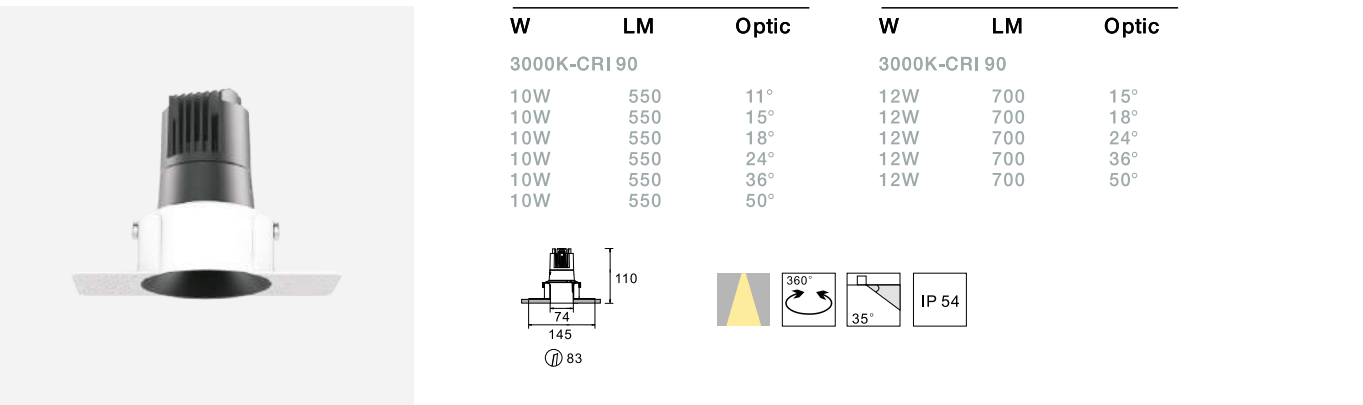
Model	Power	Beam Angle	CCT	CRI	Relector	Optical Accessories
ICL36L-3D-2F	3W 5W	18°	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		30°				
		36°				



Trimless
3inch Fixed 83

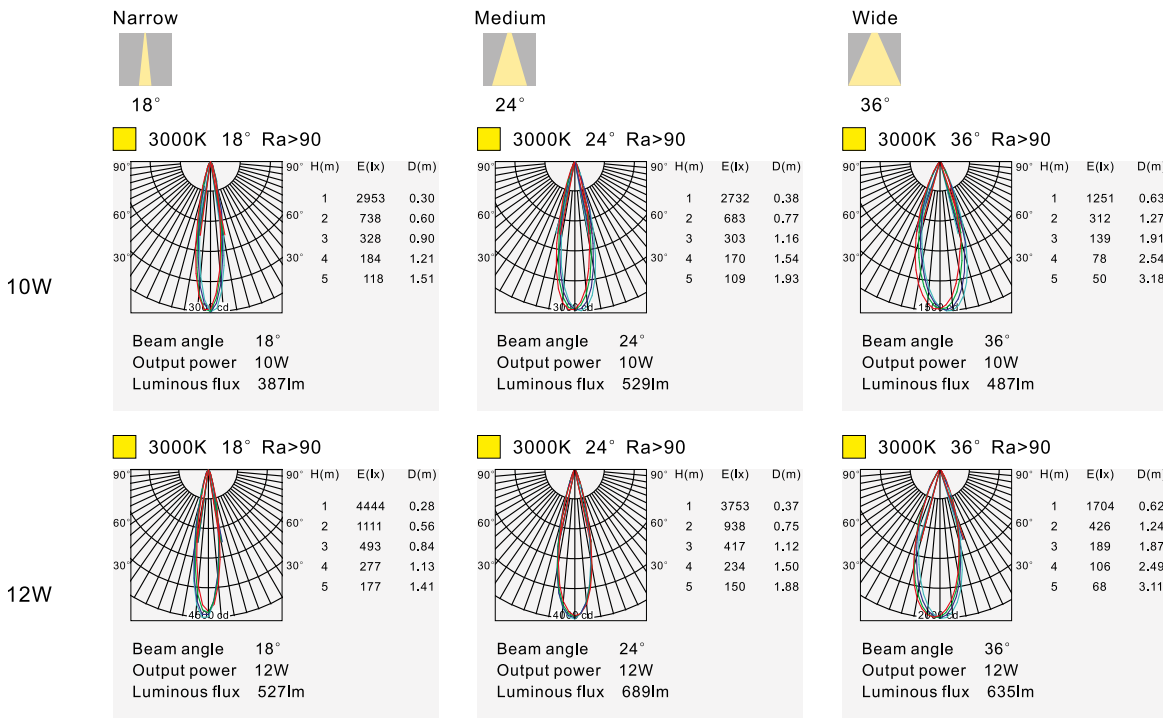
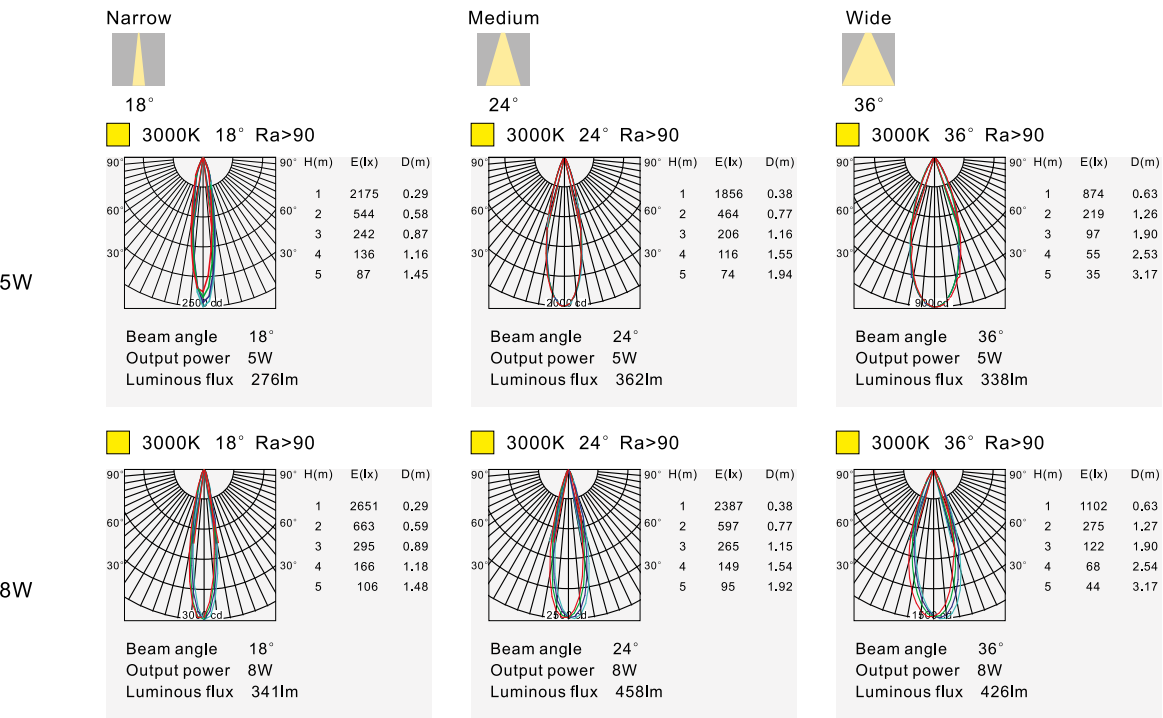


Trimless
3inch Fixed 83

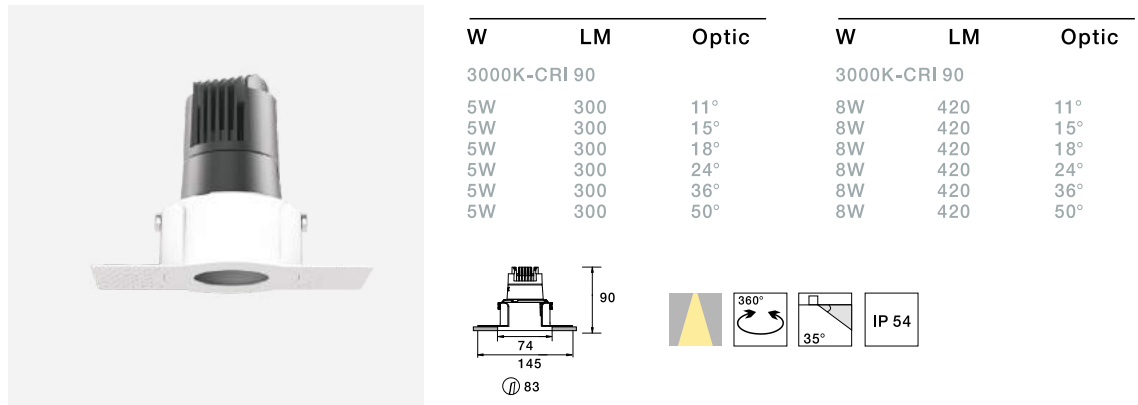


Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-3D-3F-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
	8W	50°					

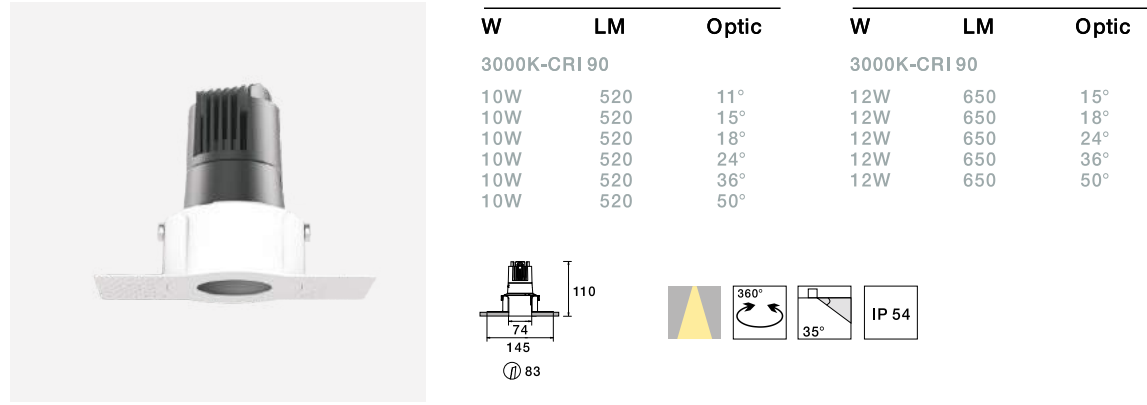
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-3D-3F-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
	12W	50°					



Trimless
3inch Fixed 83

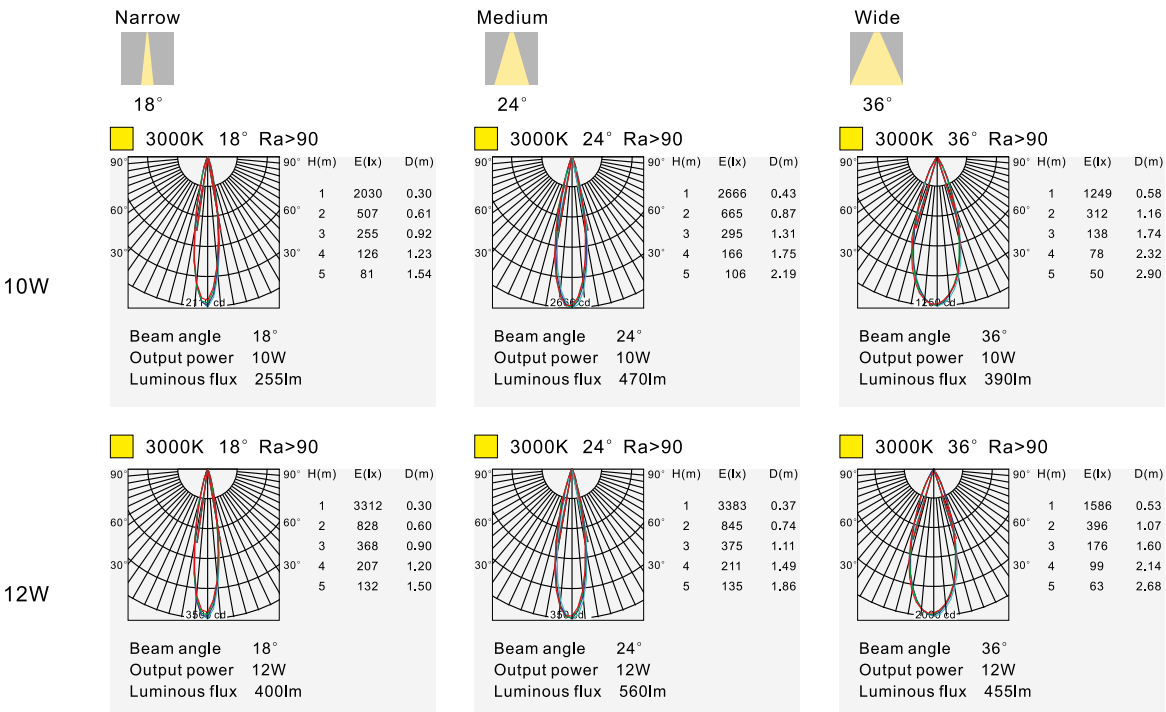
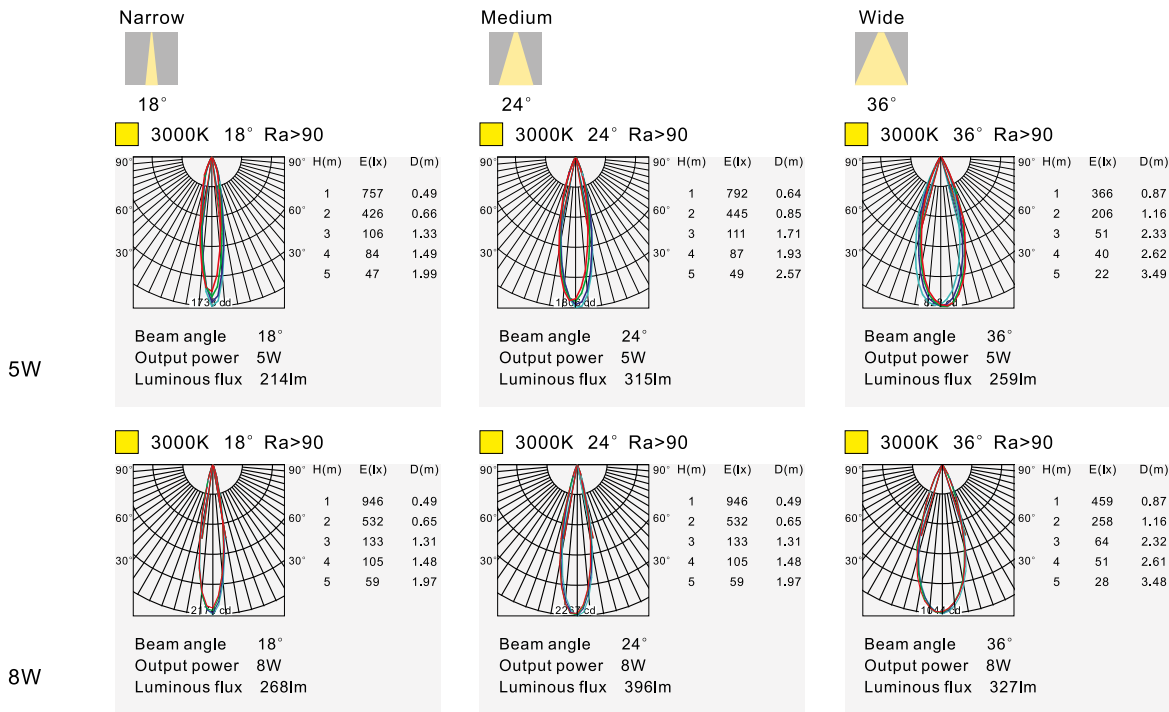


Trimless
3inch Fixed 83



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ICL36L-3S-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°				
		18°				
		24°				
		36°				
		50°				

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ICL36L-3S-3F-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°				
		18°				
		24°				
		36°				
		50°				

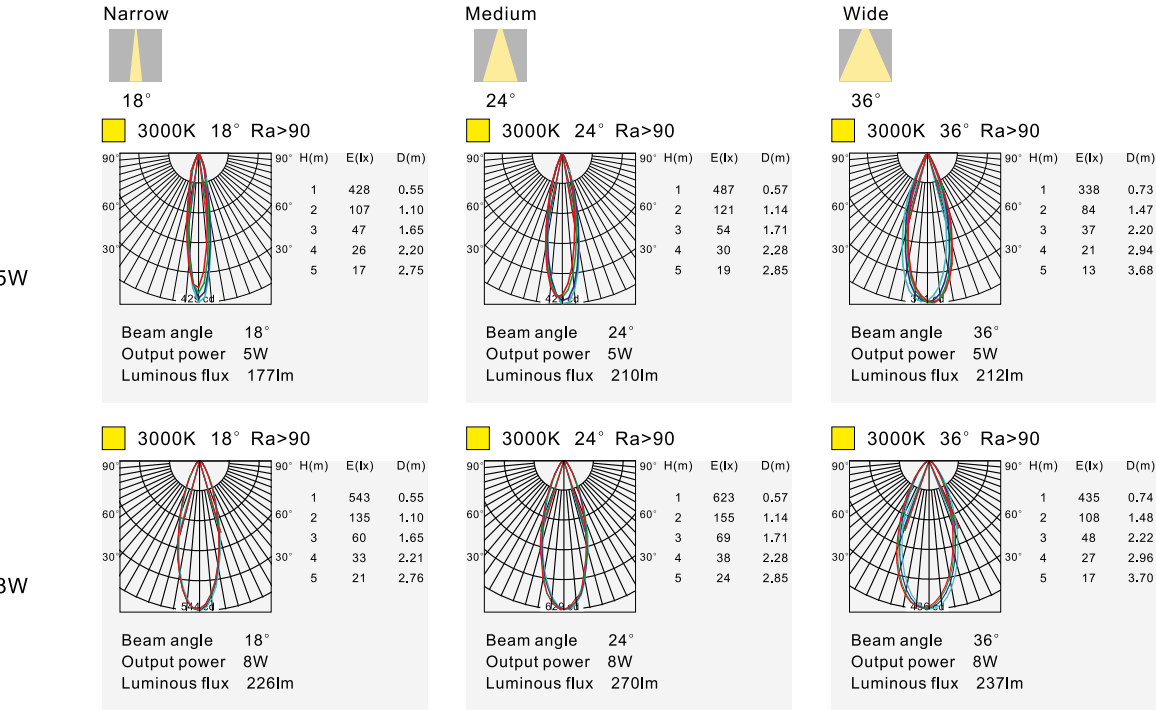


Trimless
3inch Fixed 83



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	300	11°	8W	400	11°
5W	300	15°	8W	400	15°
5W	300	18°	8W	400	18°
5W	300	24°	8W	400	24°
5W	300	36°	8W	400	36°
5W	300	50°	8W	400	50°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-3P-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		15°		3000K	
		18°		4000K	
		24°		5000K	
		36°			
		50°			

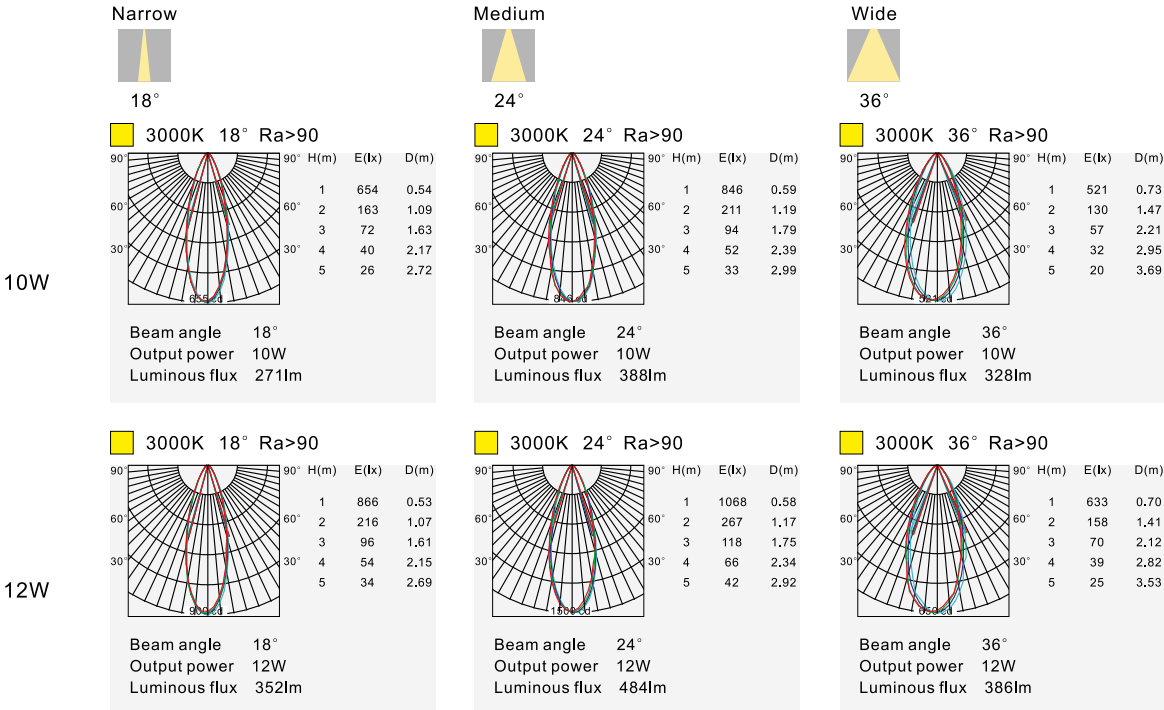


Trimless
3inch Fixed 83



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	400	11°	12W	500	15°
10W	400	15°	12W	500	18°
10W	400	18°	12W	500	24°
10W	400	24°	12W	500	36°
10W	400	36°	12W	500	50°
10W	400	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-3P-3F-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		15°		3000K	
		18°		4000K	
		24°		5000K	
		36°			
		50°			



ICL36 Anti-glare Series Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Adjusting Shaft Design

30°adjustable and 350°rotatable unique light blocking design, reduce lumen losses and waste.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Specular Reflector






Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.






Cooling System





Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Variety of Reflectors

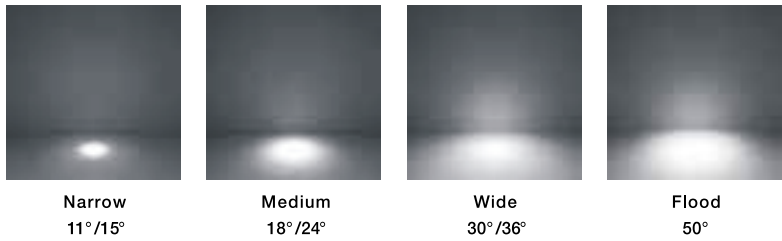
4 types of reflector choices

-  **High-power LED**
SDCM<3
-  **Different light distributions**
-  **Optischer cut-off 35**
-  **IP level**
IP54
-  **Deep anti-dazzle**

-  **Excellent thermal management**
-  **DALI dimming**
-  **Tiltable 25°**
-  **Different sizes**
-  **Different color filters**

-  **EMC - optimised**
-  **Different dimming**
-  **Horizontal 360°**
-  **Different color temperatures**

Optics

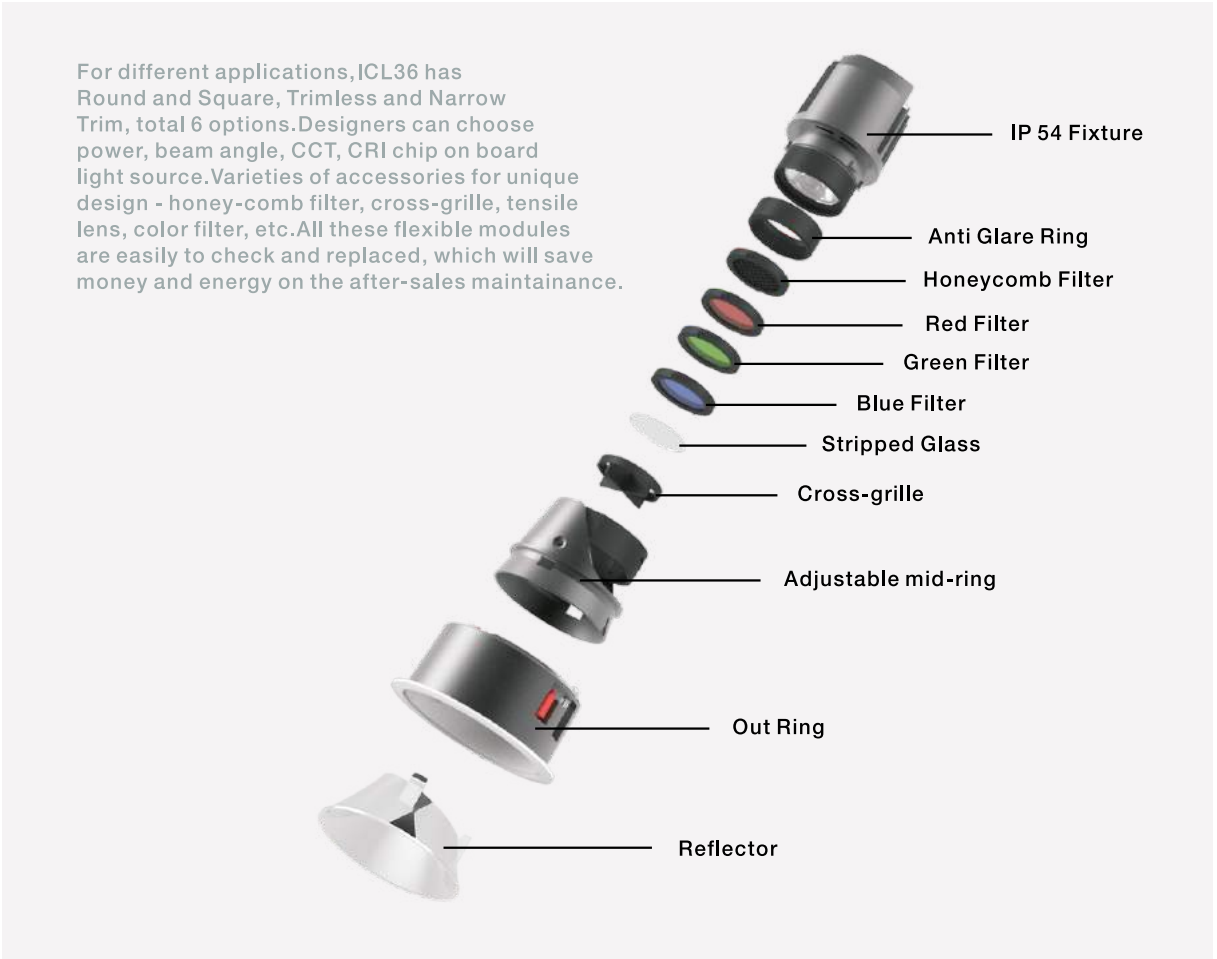
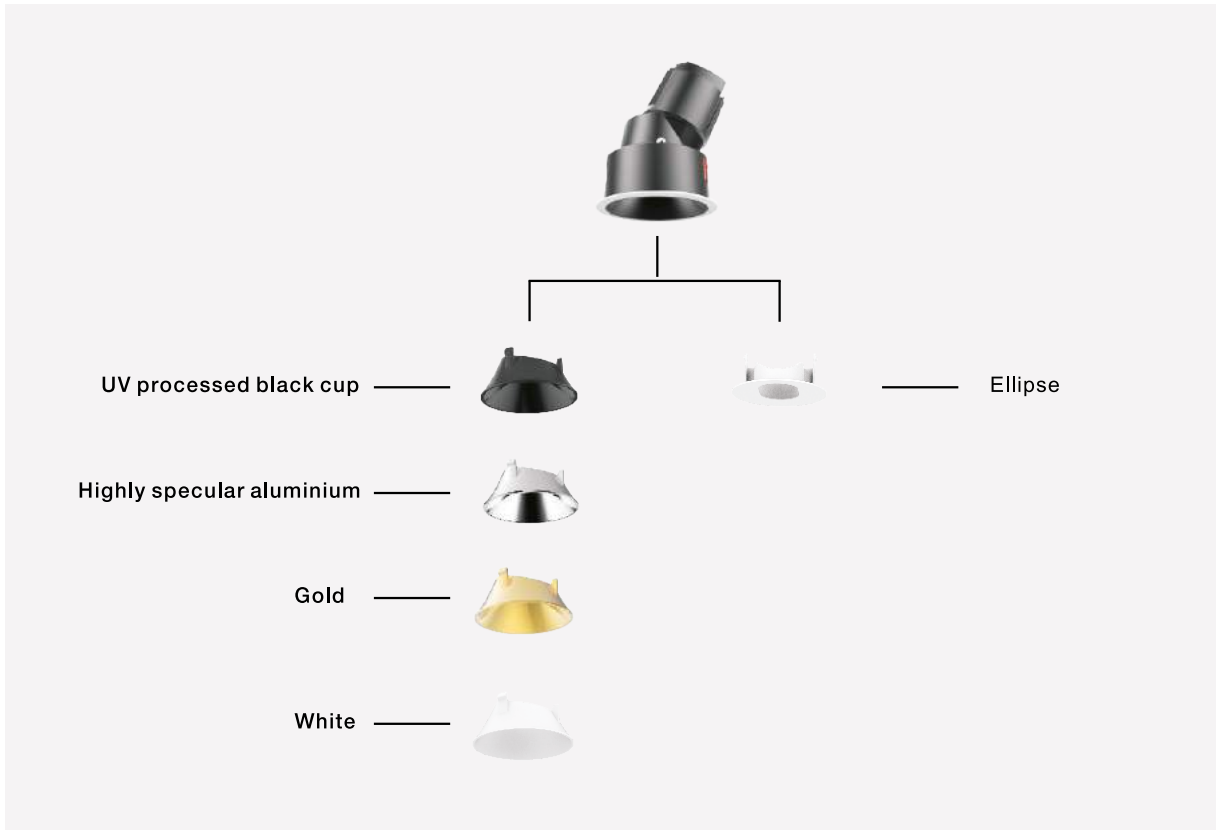


Narrow trim



Trimless



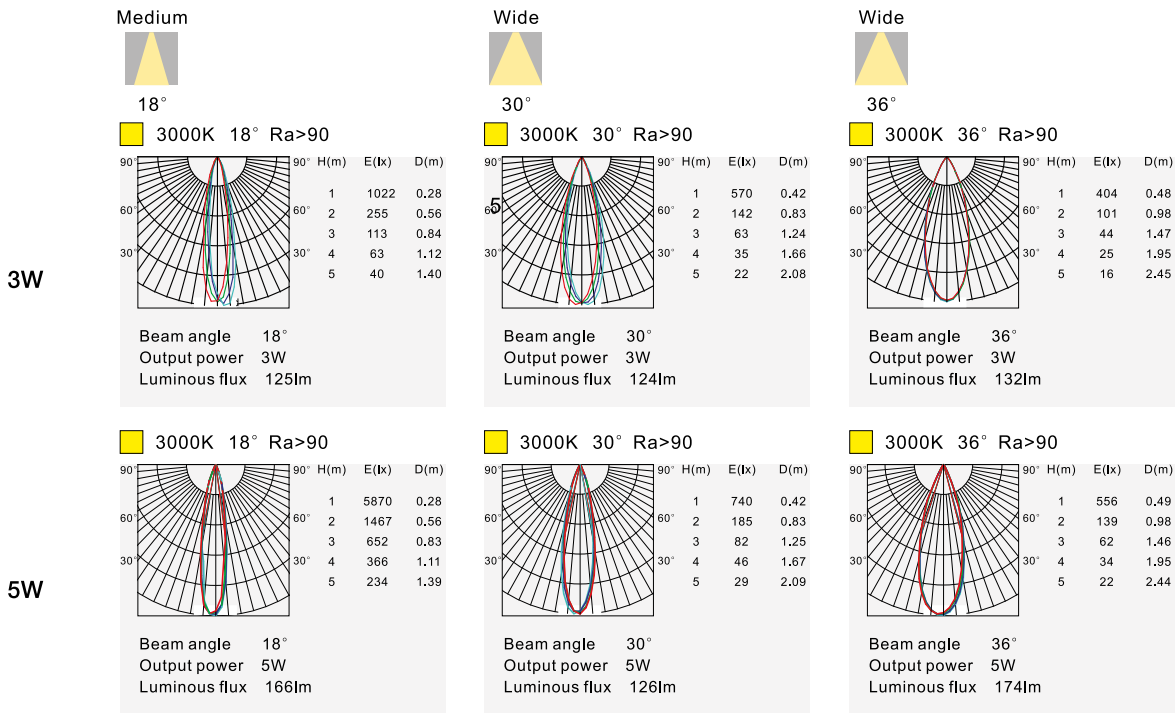


Narrow trim 2inch Adjustable 50



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
3W	180	18°	5W	240	18°
3W	180	30°	5W	240	30°
3W	180	36°	5W	240	36°

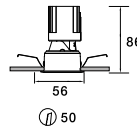
Model	Power	Beam Angle	CCT	CRI	Relector	Optical Accessories
ICL36L-1W-2T	3W 5W	18° 30° 36°	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter



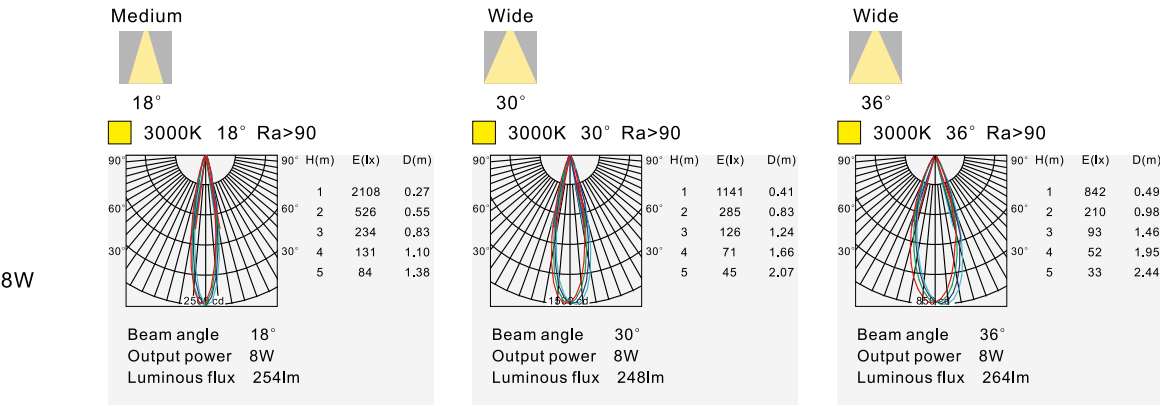
Narrow trim 2inch
Adjustable 50



W	LM	Optic
3000K-CRI 90		
8W	300	18°
8W	300	30°
8W	300	36°



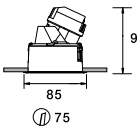
Model	Power	Beam Angle	CCT	CRI	Relector	Optical Accessories
ICL36L-1W-2T	8W	18°	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		30°	3000K			
		36°	4000K			
			5000K			



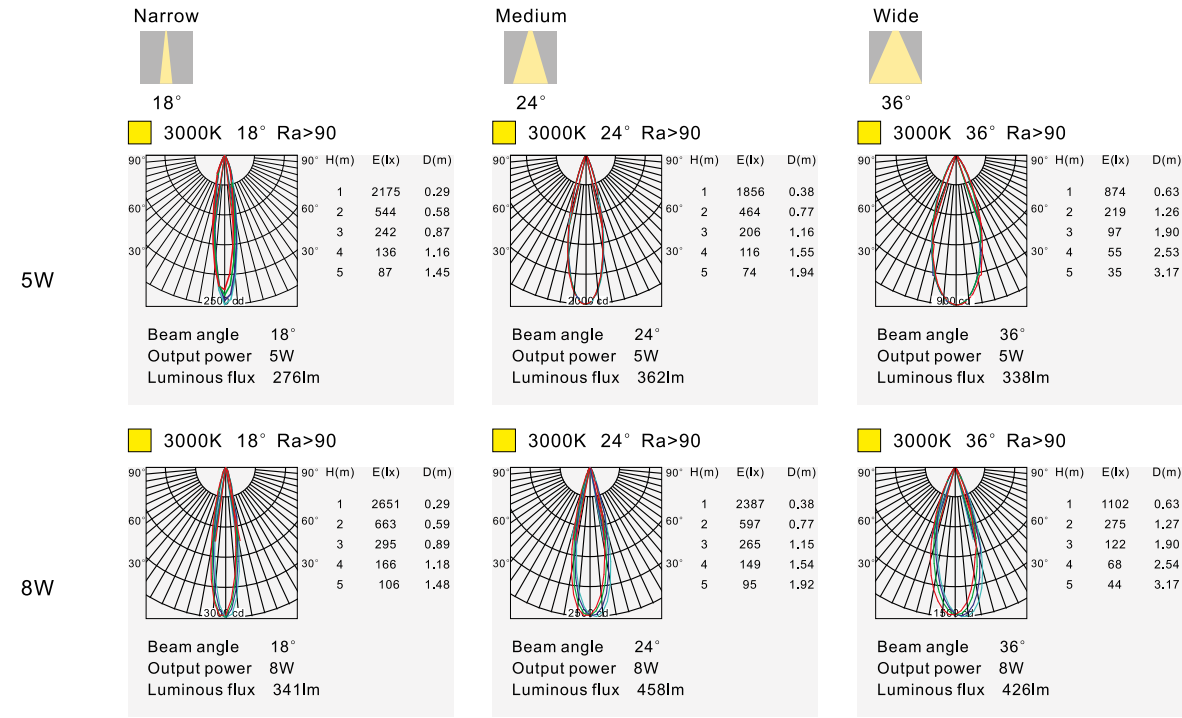
Narrow trim 3inch
Adjustable 75




W	LM	Optic
3000K-CRI 90		
5W	400	11°
5W	400	15°
5W	400	18°
5W	400	24°
5W	400	36°
5W	400	50°




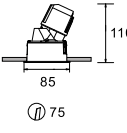
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1W-3T-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					



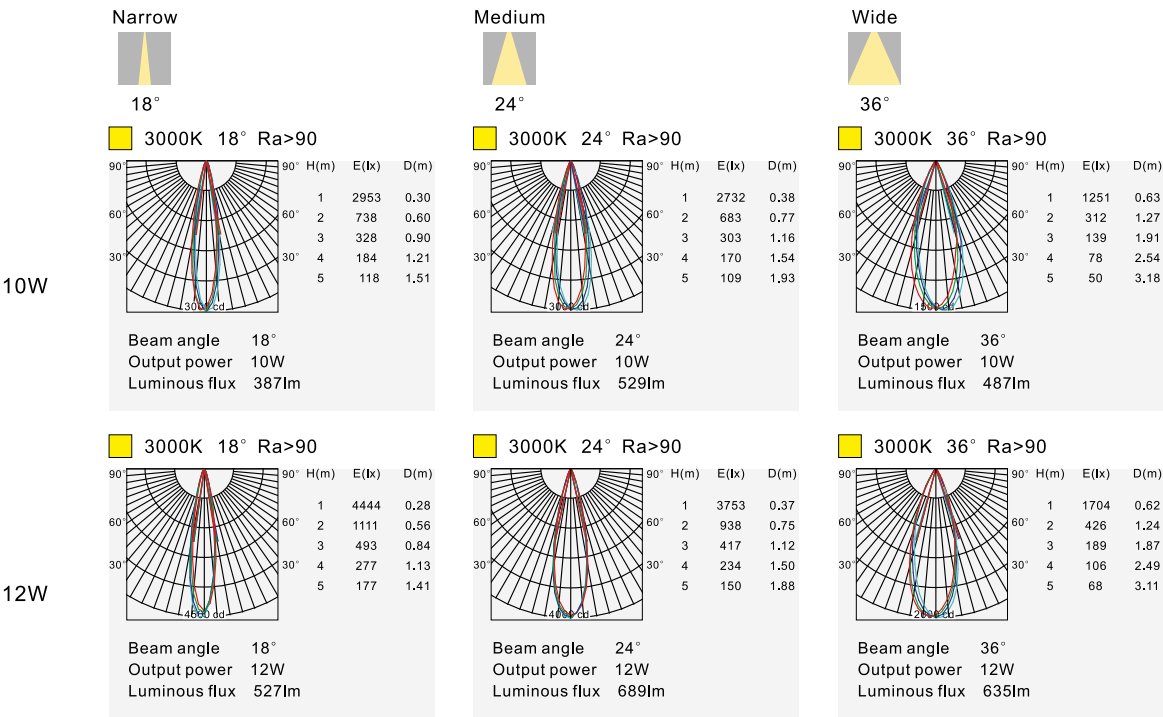
Narrow trim 3inch
Adjustable 75




W	LM	Optic	W	LM	Optic
3000K-CRI 90					
10W	560	11°	12W	700	15°
10W	560	15°	12W	700	18°
10W	560	18°	12W	700	24°
10W	560	24°	12W	700	36°
10W	560	36°	12W	700	50°
10W	560	50°			




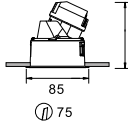
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1W-3T-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					



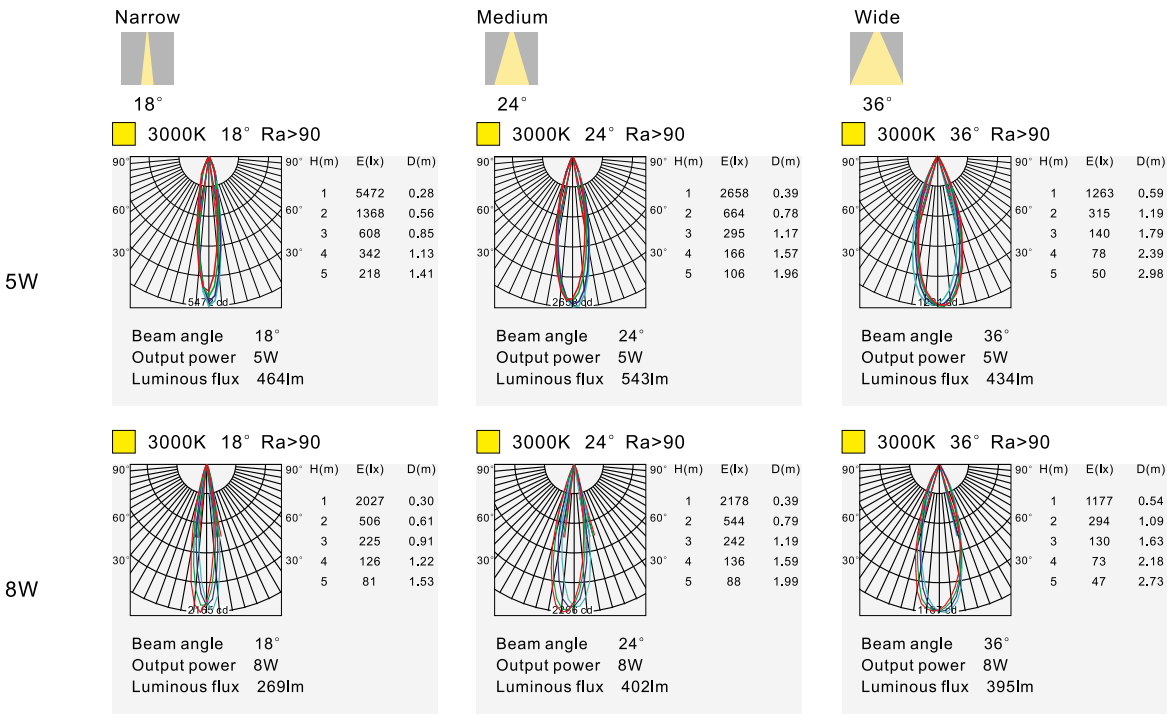
Narrow trim 3inch
Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
5W	560	11°	8W	450	11°
5W	560	15°	8W	450	15°
5W	560	18°	8W	450	18°
5W	560	24°	8W	450	24°
5W	560	36°	8W	450	36°
5W	560	50°	8W	450	50°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-1E-3T-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			



Narrow trim 3inch

Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	11°	12W	600	15°
10W	500	15°	12W	600	18°
10W	500	18°	12W	600	24°
10W	500	24°	12W	600	36°
10W	500	36°	12W	600	50°
10W	500	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-1E-3T-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			



10W	3000K 18° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	2027	0.30	
	2	506	0.61	
	3	225	0.91	
	4	126	1.22	
	5	81	1.53	
	Beam angle 18° Output power 10W Luminous flux 336lm			



	3000K 24° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	2178	0.39	
	2	544	0.79	
	3	242	1.19	
	4	136	1.59	
	5	88	1.99	
	Beam angle 24° Output power 10W Luminous flux 503lm			



	3000K 36° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	1177	0.54	
	2	294	1.09	
	3	130	1.63	
	4	73	2.18	
	5	47	2.73	
	Beam angle 36° Output power 10W Luminous flux 494lm			

12W

	3000K 18° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	3030	0.30	
	2	757	0.60	
	3	336	0.91	
	4	189	1.21	
	5	121	1.52	
	Beam angle 18° Output power 12W Luminous flux 386lm			

	3000K 24° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	3266	0.40	
	2	816	0.81	
	3	362	1.22	
	4	204	1.63	
	5	130	2.03	
	Beam angle 24° Output power 12W Luminous flux 597lm			

	3000K 36° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	1669	0.54	
	2	417	1.08	
	3	185	1.62	
	4	104	2.16	
	5	66	2.70	
	Beam angle 36° Output power 12W Luminous flux 562lm			

Trimless 2inch

Adjustable 55



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
3W	180	18°	5W	360	18°
3W	180	30°	5W	360	30°
3W	180	36°	5W	360	36°

Model	Power	Beam Angle	CCT	CRI	Relector	Optical Accessories
ICL36L-3W-2T	3W 5W	18°	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		30°				
		36°				



3W	3000K 18° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	871	0.34	
	2	217	0.69	
	3	96	1.03	
	4	54	1.38	
	5	34	1.72	
	Beam angle 18° Output power 3W Luminous flux 164lm			



	3000K 24° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	600	0.47	
	2	150	0.95	
	3	66	1.43	
	4	37	1.90	
	5	24	2.38	
	Beam angle 30° Output power 3W Luminous flux 161lm			



	3000K 36° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	390	0.63	
	2	97	1.26	
	3	43	1.89	
	4	24	2.52	
	5	15	3.15	
	Beam angle 36° Output power 3W Luminous flux 165lm			

5W

	3000K 18° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	5870	0.33	
	2	1467	0.67	
	3	652	1.01	
	4	366	1.35	
	5	234	1.69	
	Beam angle 18° Output power 5W Luminous flux 376lm			

	3000K 30° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	3811	0.41	
	2	952	0.83	
	3	423	1.25	
	4	238	1.67	
	5	152	2.09	
	Beam angle 30° Output power 5W Luminous flux 346lm			

	3000K 36° Ra>90			
	90°	H(m)	E(lx)	D(m)
	1	2475	0.59	
	2	618	1.19	
	3	275	1.79	
	4	154	2.39	
	5	99	2.99	
	Beam angle 36° Output power 5W Luminous flux 354lm			

Trimless 3inch
Adjustable 83



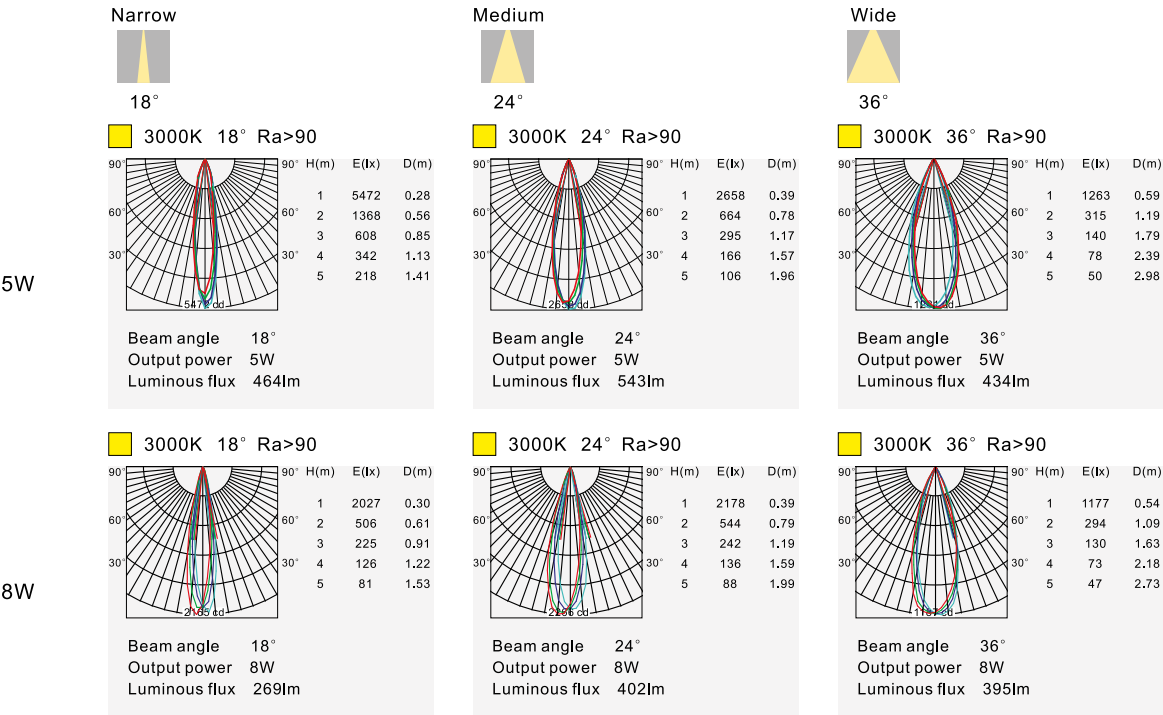
W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	560	11°	8W	480	11°
5W	560	15°	8W	480	15°
5W	560	18°	8W	480	18°
5W	560	24°	8W	480	24°
5W	560	36°	8W	480	36°
5W	560	50°	8W	480	50°

Trimless 3inch
Adjustable 83

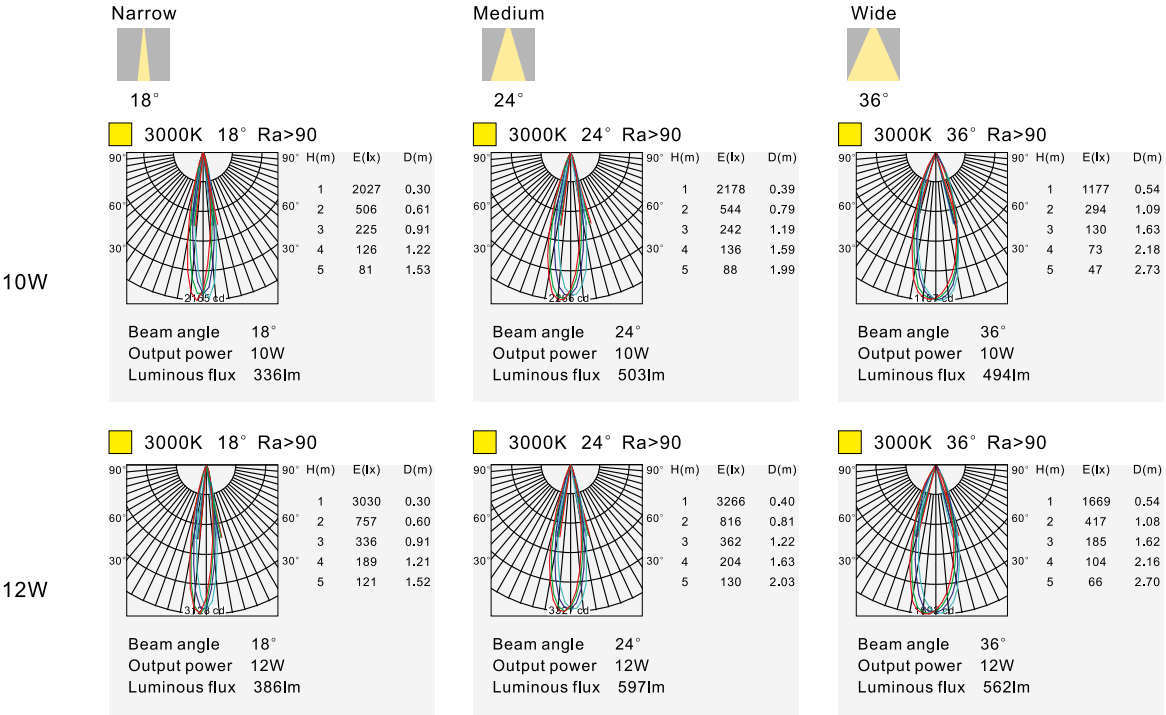


W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	540	11°	12W	600	15°
10W	540	15°	12W	600	18°
10W	540	18°	12W	600	24°
10W	540	24°	12W	600	36°
10W	540	36°	12W	600	50°
10W	540	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-3E-3T-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			
		50°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-3E-3T-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			
		50°			

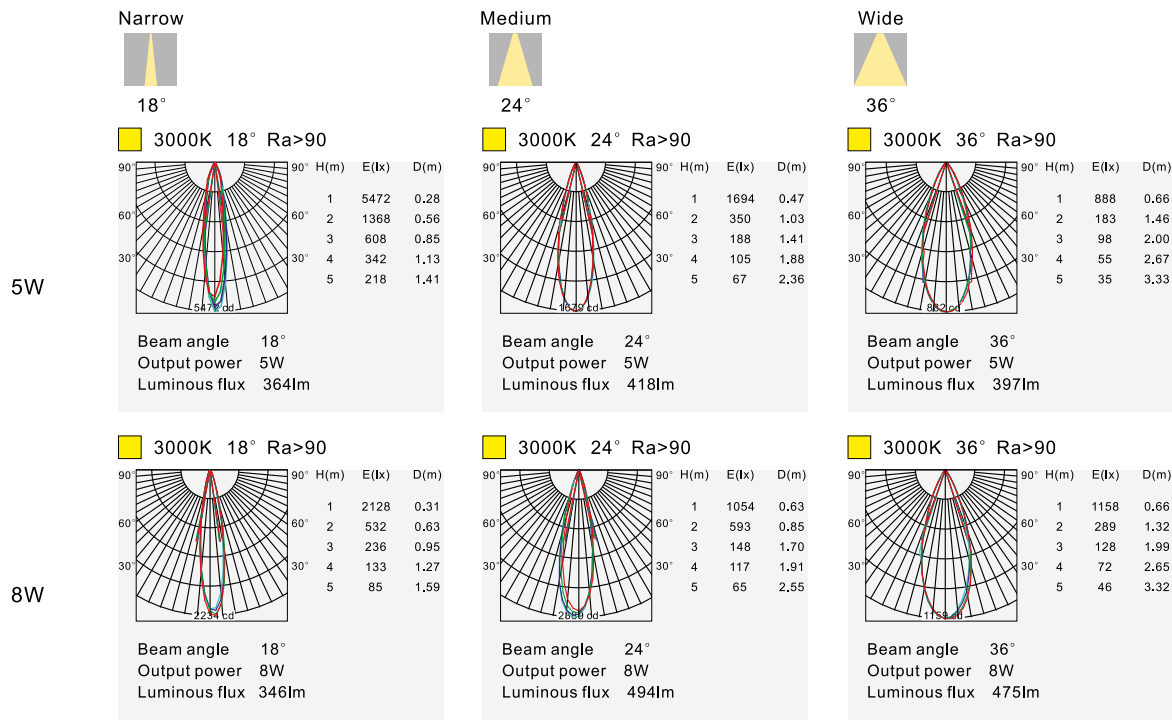


Trimless 3inch
Adjustable 83



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	420	11°	8W	480	11°
5W	420	15°	8W	480	15°
5W	420	18°	8W	480	18°
5W	420	24°	8W	480	24°
5W	420	36°	8W	480	36°
5W	420	50°	8W	480	50°

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessorie
ICL36L-3W-3T-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					

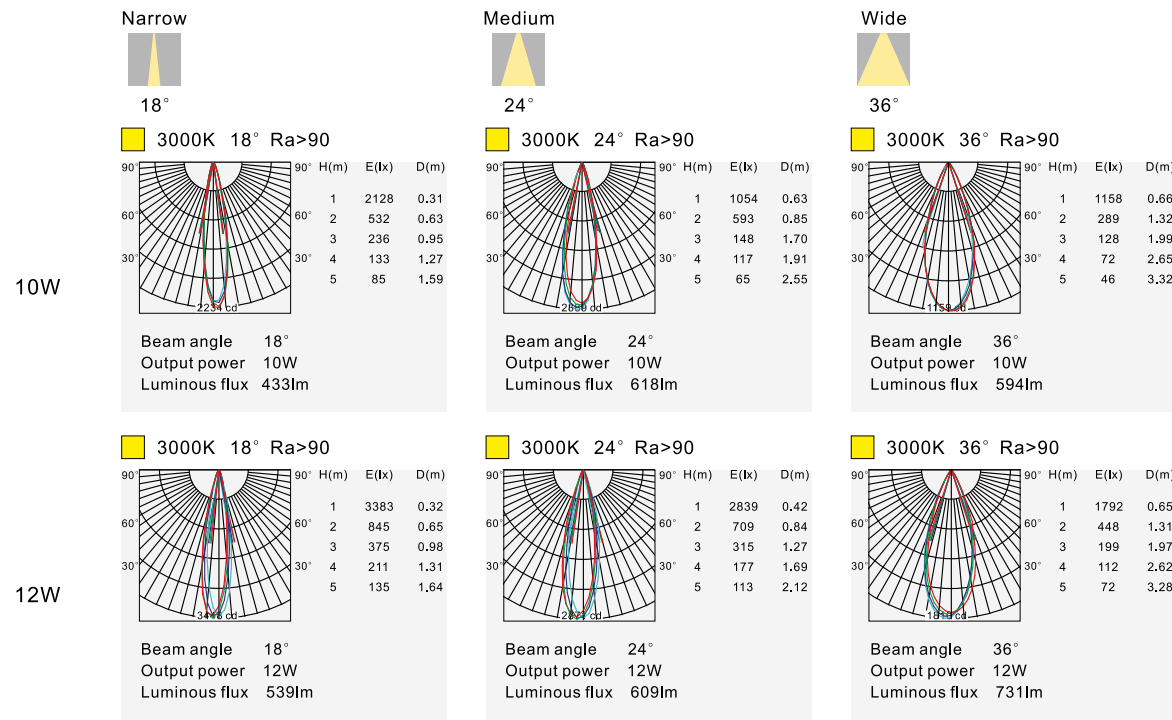















Trimless 3inch
Adjustable 83



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	600	11°	12W	720	15°
10W	600	15°	12W	720	18°
10W	600	18°	12W	720	24°
10W	600	24°	12W	720	36°
10W	600	36°	12W	720	50°
10W	600	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-3W-3T-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					



		ICL36L-1-2			ICL36L-1-3-S		ICL36L-1-3-H		ICL36L-3-2		ICL36L-3-3-S		ICL36L-3-3-H		
		3W	5W	8W	5W	8W	10W	12W	3W	5W	5W	8W	10W	12W	
Optics															
 Narrow	11°				•	•	•				•	•	•		
 Narrow	15°				•	•	•	•			•	•	•	•	
 Medium	18°	•	•	•	•	•	•	•	•	•	•	•	•	•	
 Medium	24°				•	•	•	•			•	•	•	•	
 Wide	30°	•	•	•					•	•					
 Wide	36°	•	•	•	•	•	•	•	•	•	•	•	•	•	
 Flood	50°				•	•	•	•			•	•	•	•	
Size															
56mm*78mm		•	•												
56mm*86mm				•		•									
85mm*90mm					•	•									
85mm*110mm							•	•							
100mm*49.5mm*78mm									•	•					
145mm*74mm*90mm											•	•			
145mm*74mm*110mm													•	•	
Cutout															
50mm		•	•	•											
55mm									•	•					
75mm					•	•	•	•							
83mm											•	•	•	•	
Function															
Fixed		•	•	•	•	•	•	•	•	•	•	•	•	•	
Adjustable		•	•	•	•	•	•	•	•	•	•	•	•	•	
Installation															
Narrow trim		•	•	•	•	•	•	•							
Trimless									•	•	•	•	•	•	
Flow obviously refers to															
2700K Ra>90		•	•	•	•	•	•	•	•	•	•	•	•	•	
3000K Ra>90		•	•	•	•	•	•	•	•	•	•	•	•	•	
4000K Ra>90		•	•	•	•	•	•	•	•	•	•	•	•	•	
5000K Ra>90		•	•	•	•	•	•	•	•	•	•	•	•	•	
2700K Ra>80		•	•	•	•	•	•	•	•	•	•	•	•	•	
3000K Ra>80		•	•	•	•	•	•	•	•	•	•	•	•	•	
4000K Ra>80		•	•	•	•	•	•	•	•	•	•	•	•	•	
5000K Ra>80		•	•	•	•	•	•	•	•	•	•	•	•	•	
Dimming Type															
DALI					•	•	•	•			•	•	•	•	
TRIAC					•	•	•	•			•	•	•	•	
1-10V					•	•	•	•			•	•	•	•	
Non dimmable		•	•	•	•	•	•	•	•	•	•	•	•	•	
Reflector surface finishes															
UV processed black cup		•	•	•	•	•	•	•	•	•	•	•	•	•	
Highly specular aluminium		•	•	•	•	•	•	•	•	•	•	•	•	•	
Gold		•	•	•	•	•	•	•	•	•	•	•	•	•	
White		•	•	•	•	•	•	•	•	•	•	•	•	•	
Roundlet					•	•	•	•			•	•	•	•	
Ellipse					•	•	•	•			•	•	•	•	
Anti-fog					•	•	•	•			•	•	•	•	
Optical Accessories															
Honeycomb Filter		•	•	•	•	•	•	•	•	•	•	•	•	•	
Cross-grille					•	•	•	•			•	•	•	•	
Stripped Glass					•	•	•	•			•	•	•	•	
Red Filter					•	•	•	•			•	•	•	•	
Green Filter					•	•	•	•			•	•	•	•	
Blue Filter					•	•	•	•			•	•	•	•	
Optical Accessories															
															
Honeycomb Filter	Cross-grille	Stripped Glass	Red Filter	Green Filter	Blue Filter										

ICL36 Anti-glare Series



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Variety of Reflectors

4 types of reflector choices



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 35



IP level



Horizontal 360°



Different sizes



Different color
temperatures

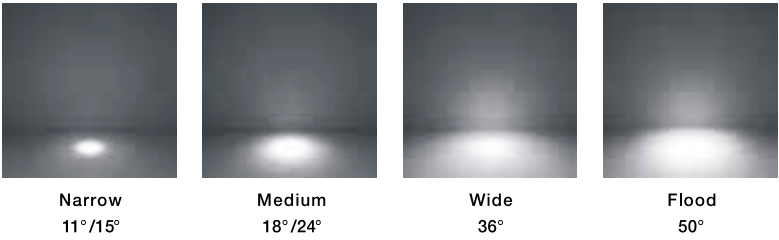


Deep anti-dazzle



Different color
filters

Optics

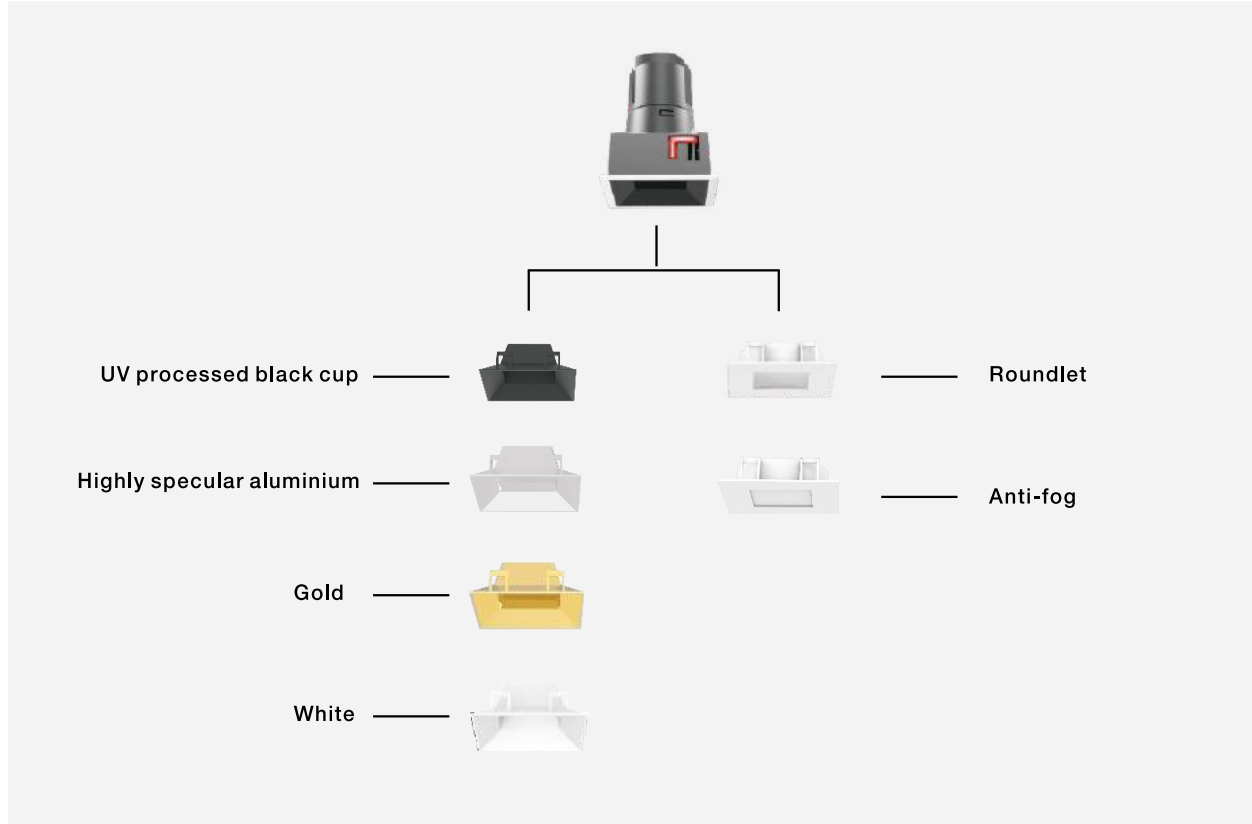


Narrow trim

Trimless



Accessories



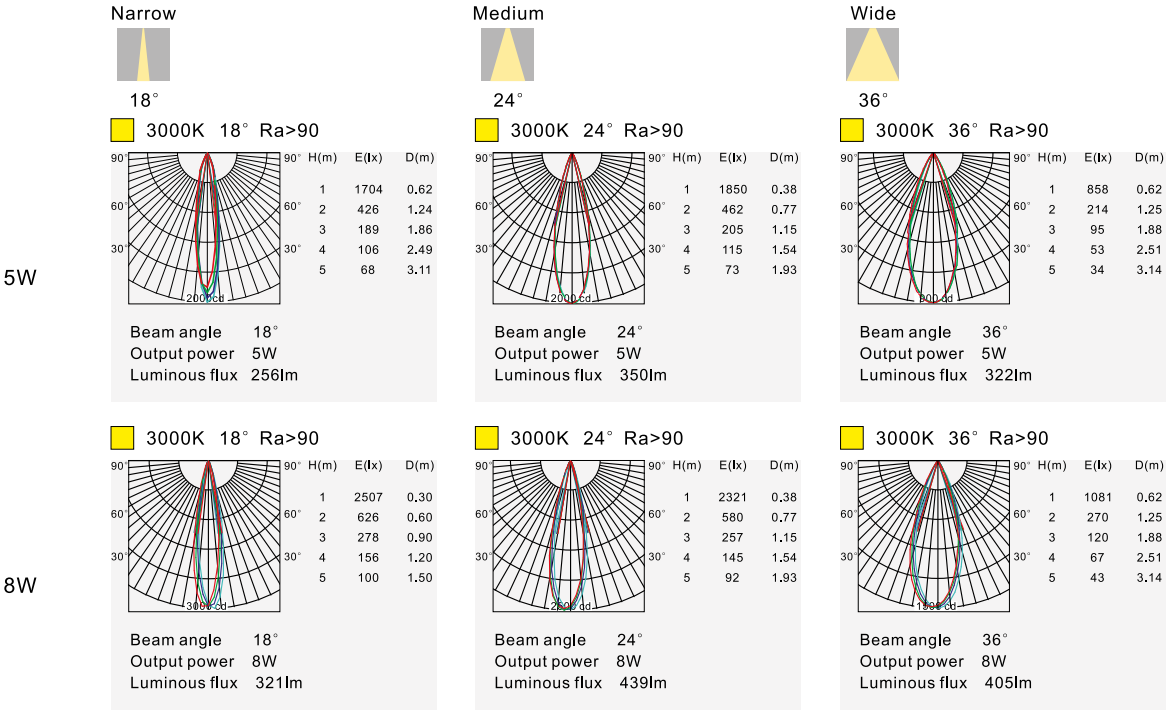
Narrow trim
3inch Fixed 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	360	11°	8W	450	11°
5W	360	15°	8W	450	15°
5W	360	18°	8W	450	18°
5W	360	24°	8W	450	24°
5W	360	36°	8W	450	36°
5W	360	50°	8W	450	50°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	OpticalAccessories
ICL36L-2D-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					



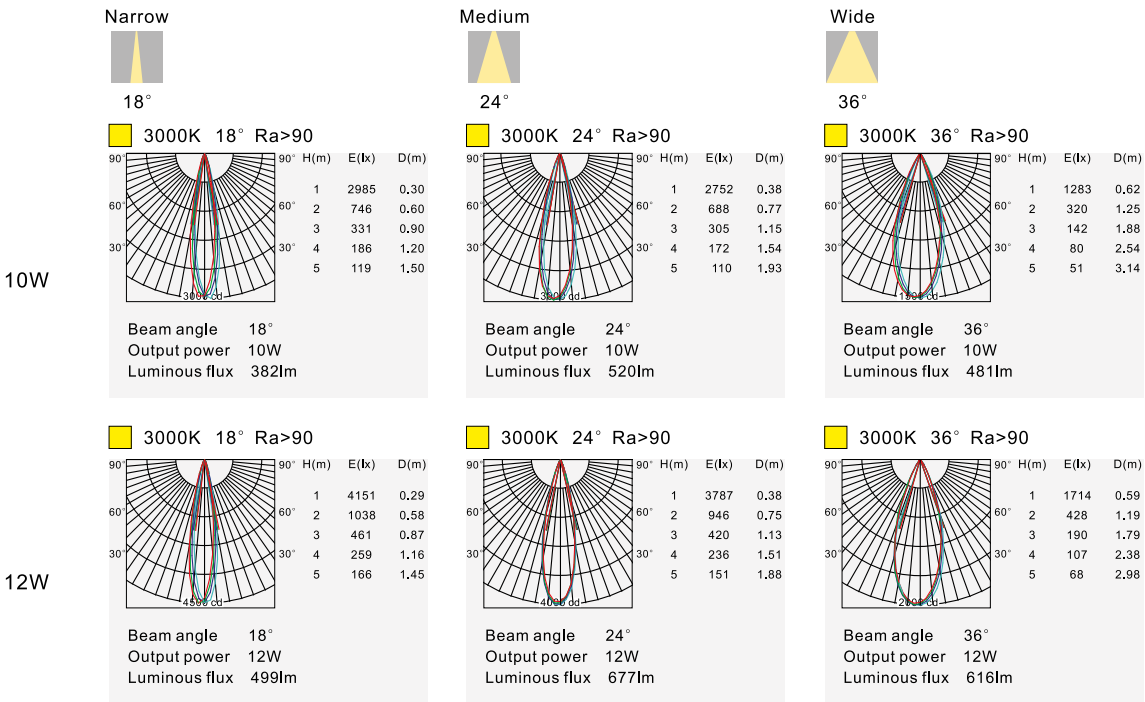
Narrow trim
3inch Fixed 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	560	11°	12W	680	15°
10W	560	15°	12W	680	18°
10W	560	18°	12W	680	24°
10W	560	24°	12W	680	36°
10W	560	36°	12W	680	50°
10W	560	50°			

75*75

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-2D-3F-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					



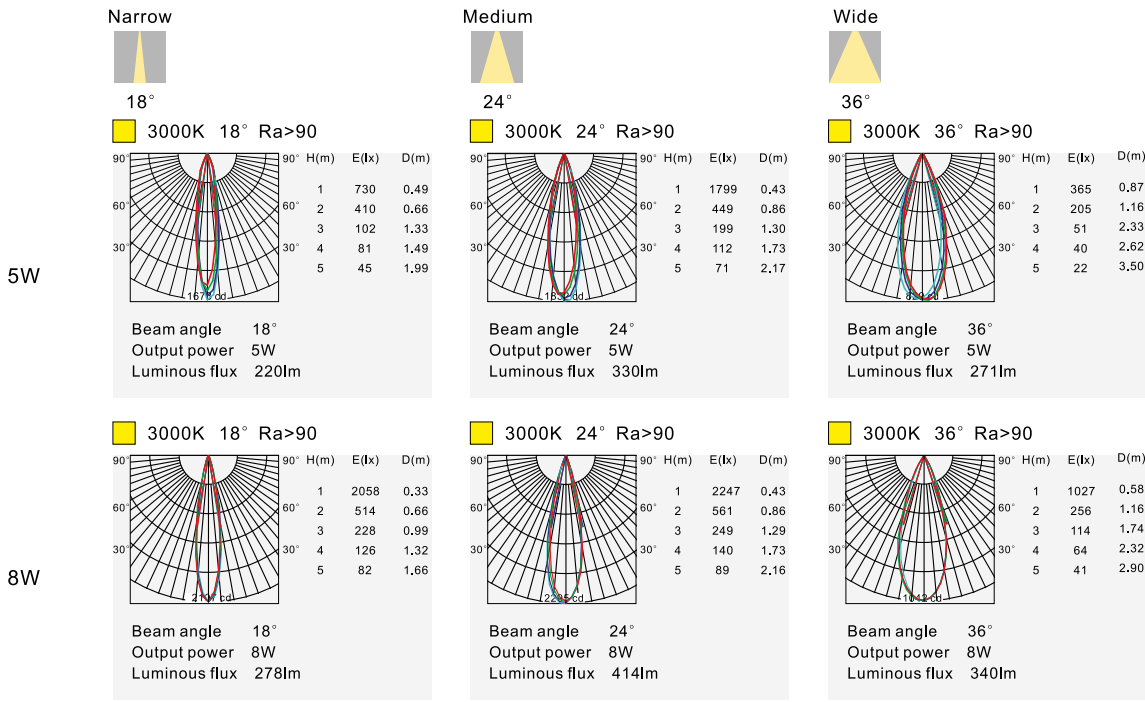
Narrow trim
3inch Fixed 75*75



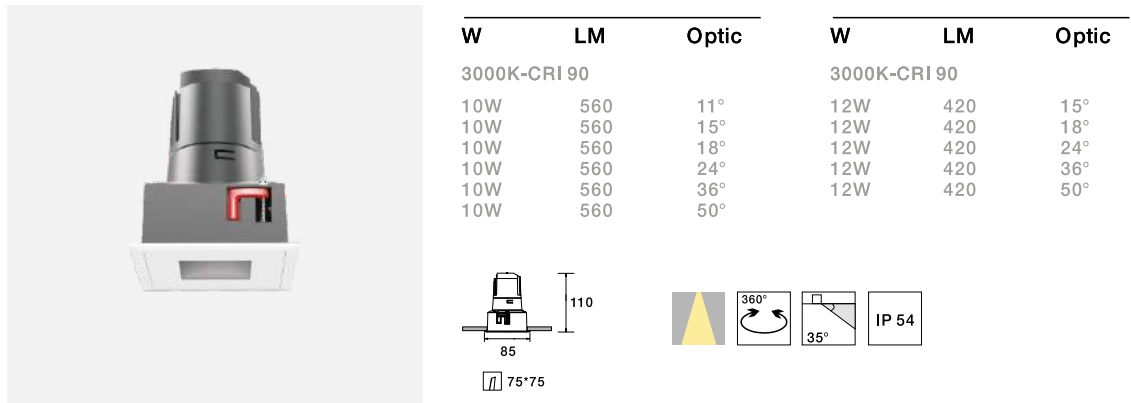
W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	360	11°	8W	420	11°
5W	360	15°	8W	420	15°
5W	360	18°	8W	420	18°
5W	360	24°	8W	420	24°
5W	360	36°	8W	420	36°
5W	360	50°	8W	420	50°

75*75

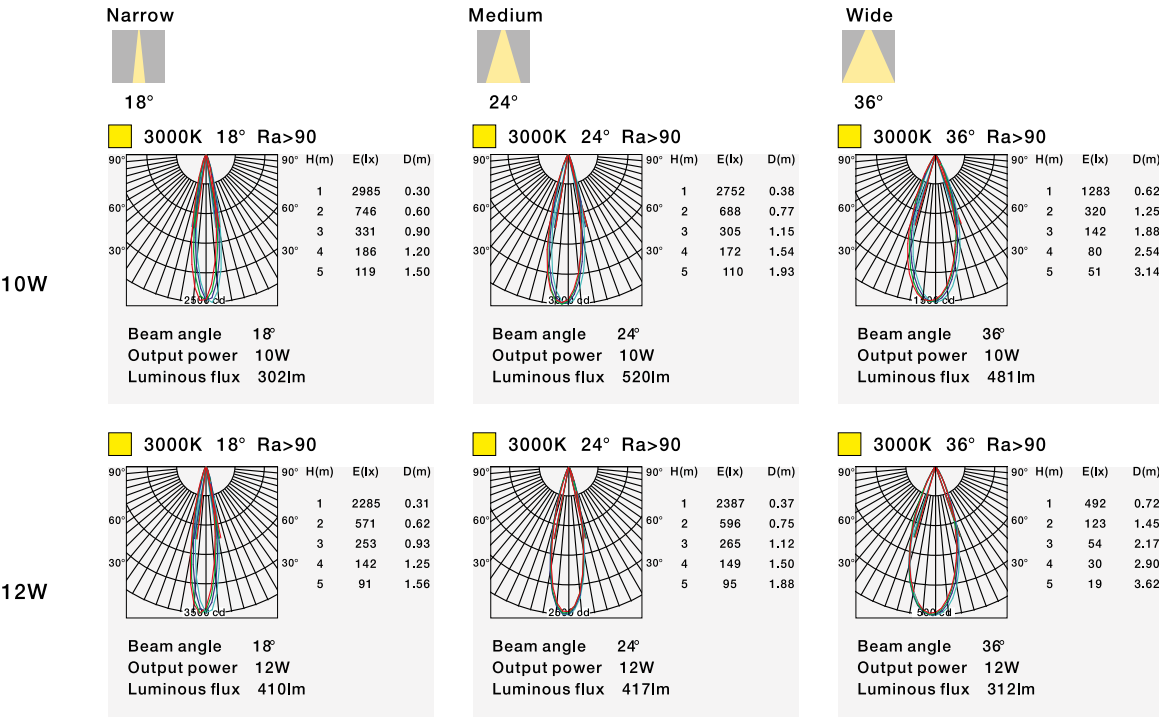
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ICL36L-2Q-3F-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°				
		18°				
		24°				
		36°				



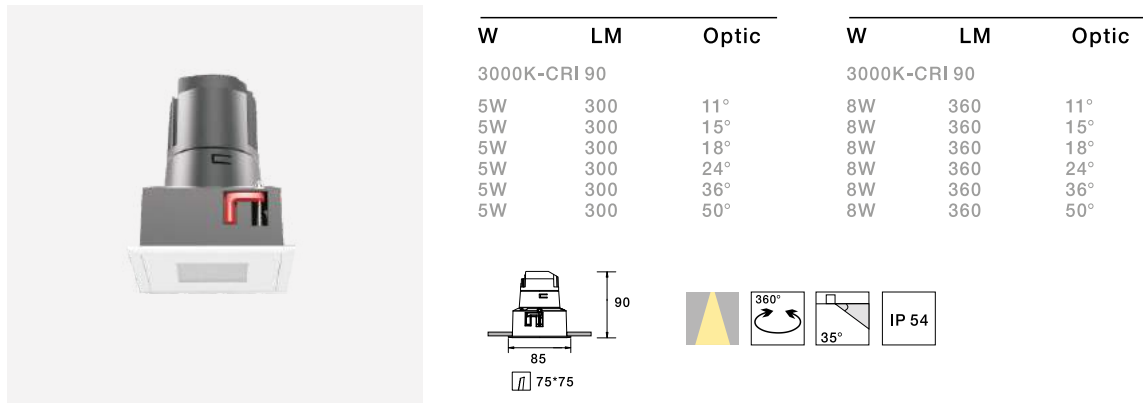
Narrow trim
3inch Fixed 75*75



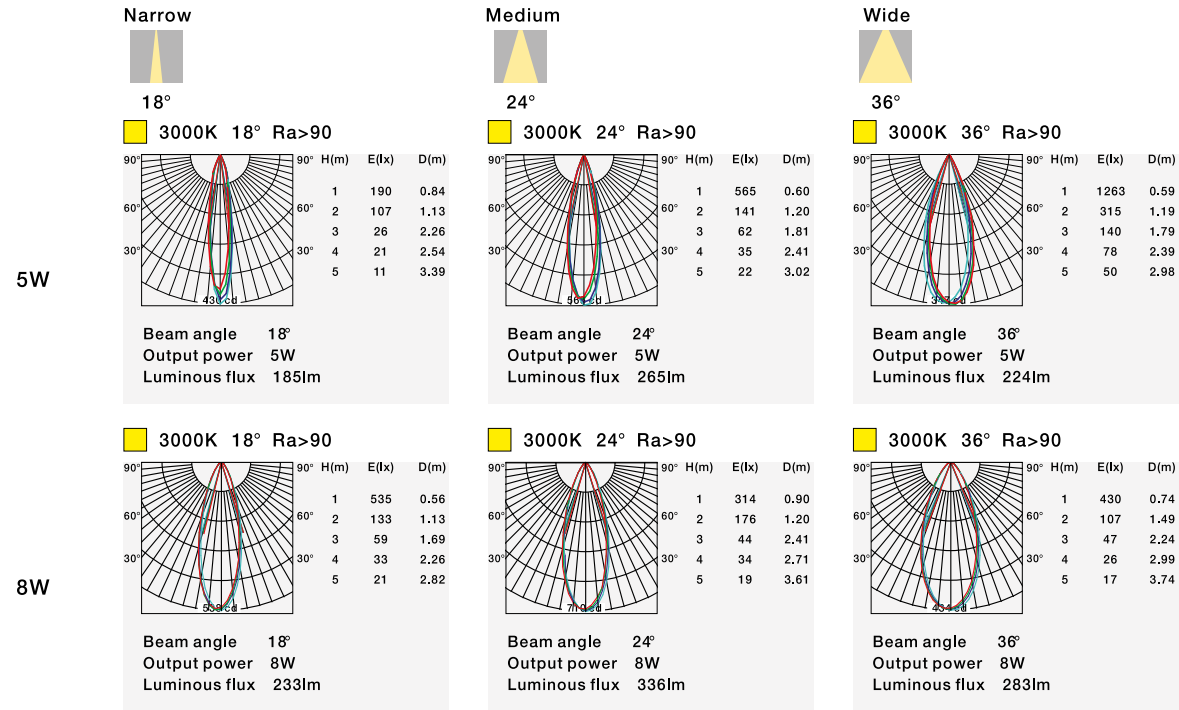
Model	Power	Beam Angle	Dimming Type	CCT	CRI	OpticalAccessories
ICL36L-2Q-3F-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°				
		18°				
		24°				
		36°				
		50°				



Narrow trim
3inch Fixed 75*75



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-2P-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			
		50°			

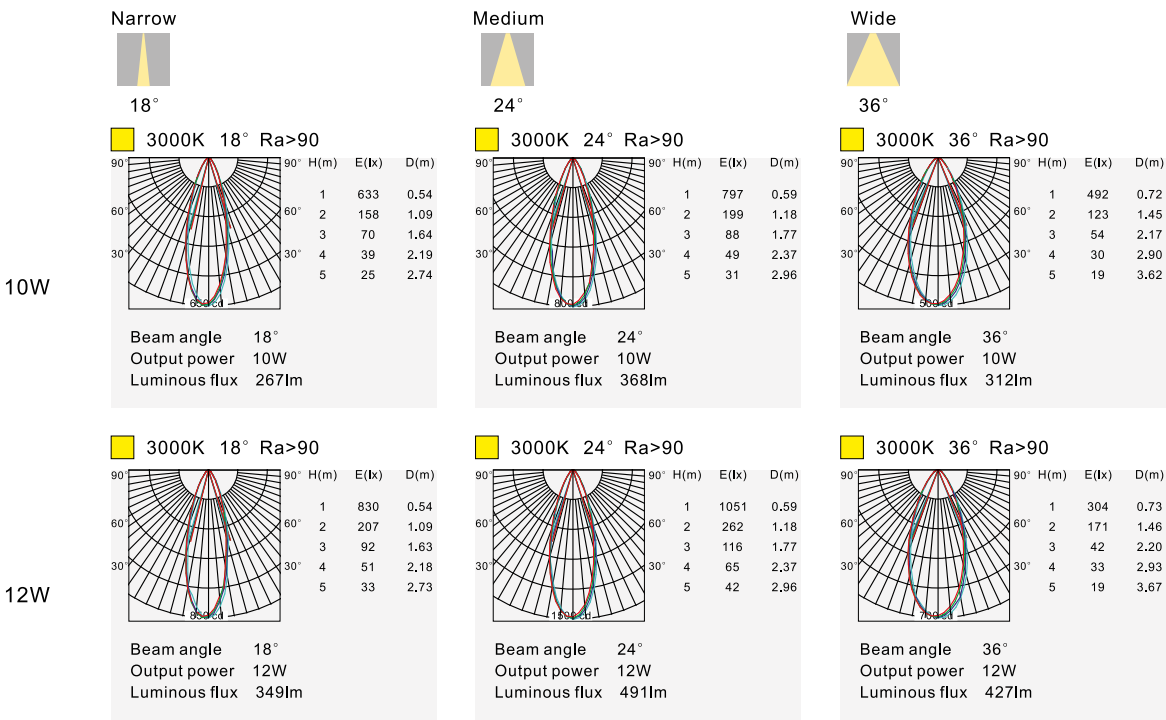


Narrow trim
3inch Fixed 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	360	11°	12W	500	15°
10W	360	15°	12W	500	18°
10W	360	18°	12W	500	24°
10W	360	24°	12W	500	36°
10W	360	36°	12W	500	50°
10W	360	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-2P-3F-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			
		50°			

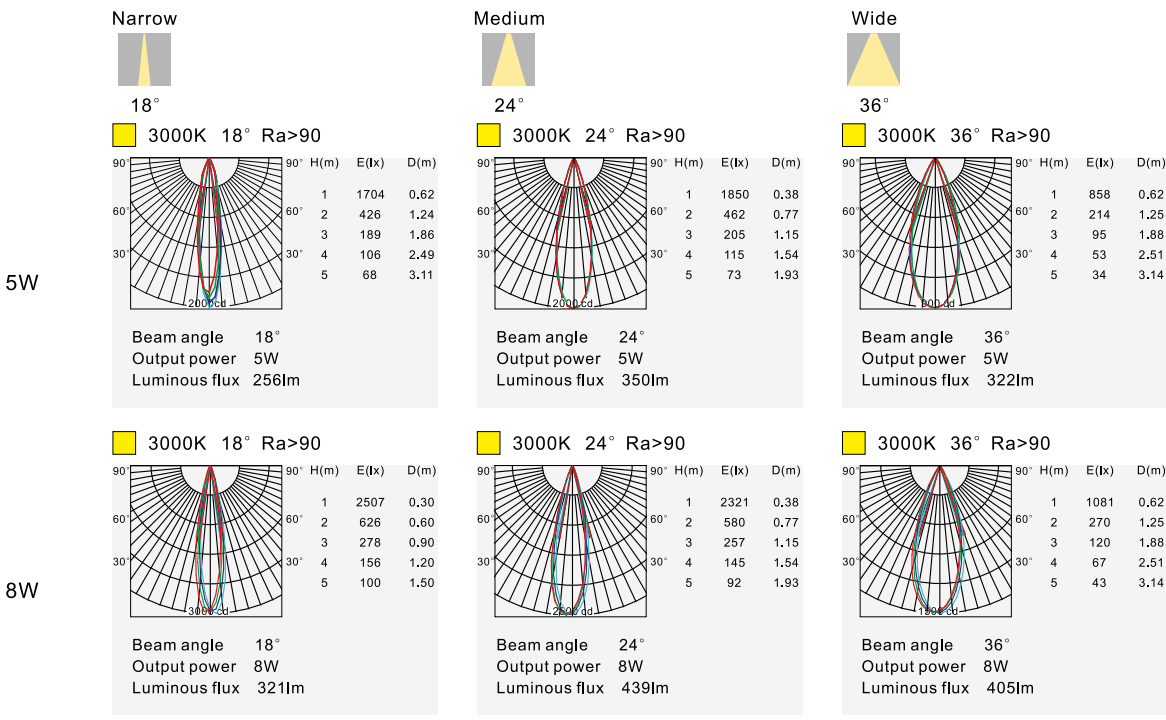


Trimless
3inch Fixed 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	360	11°	8W	420	11°
5W	360	15°	8W	420	15°
5W	360	18°	8W	420	18°
5W	360	24°	8W	420	24°
5W	360	36°	8W	420	36°
5W	360	50°	8W	420	50°

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-4D-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					



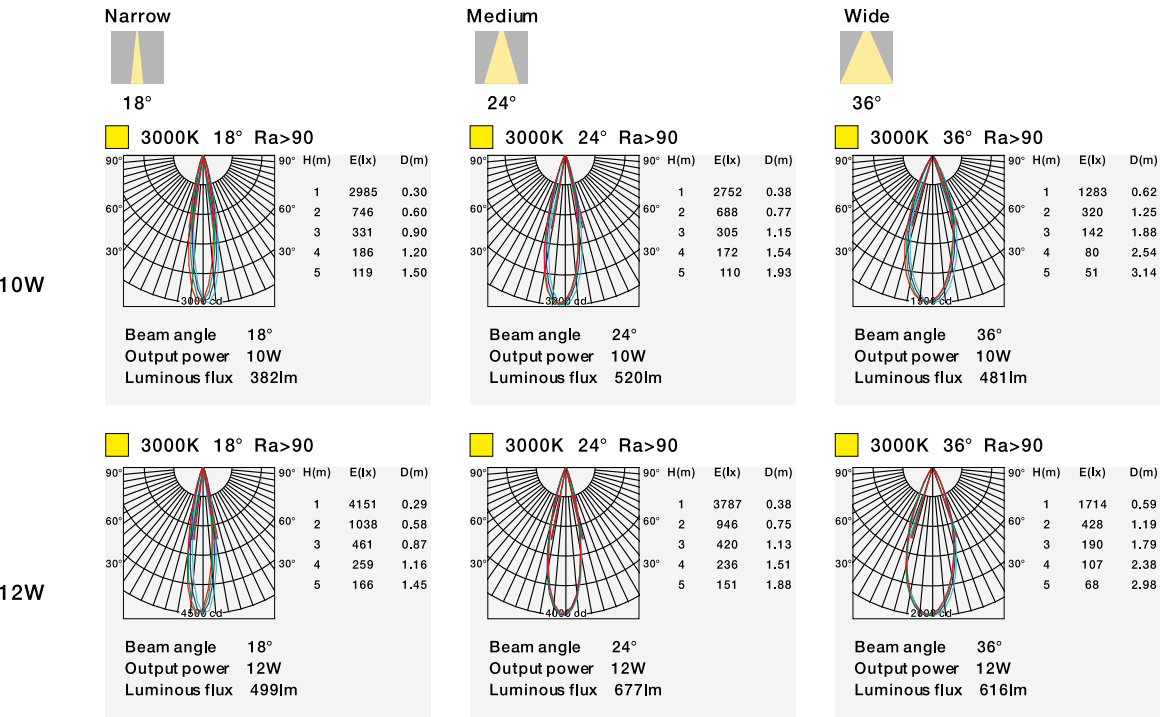
Trimless
3inch Fixed 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	11°	12W	640	15°
10W	500	15°	12W	640	18°
10W	500	18°	12W	640	24°
10W	500	24°	12W	640	36°
10W	500	36°	12W	640	50°
10W	500	50°			

75*75

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-4D-3F-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grill Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					



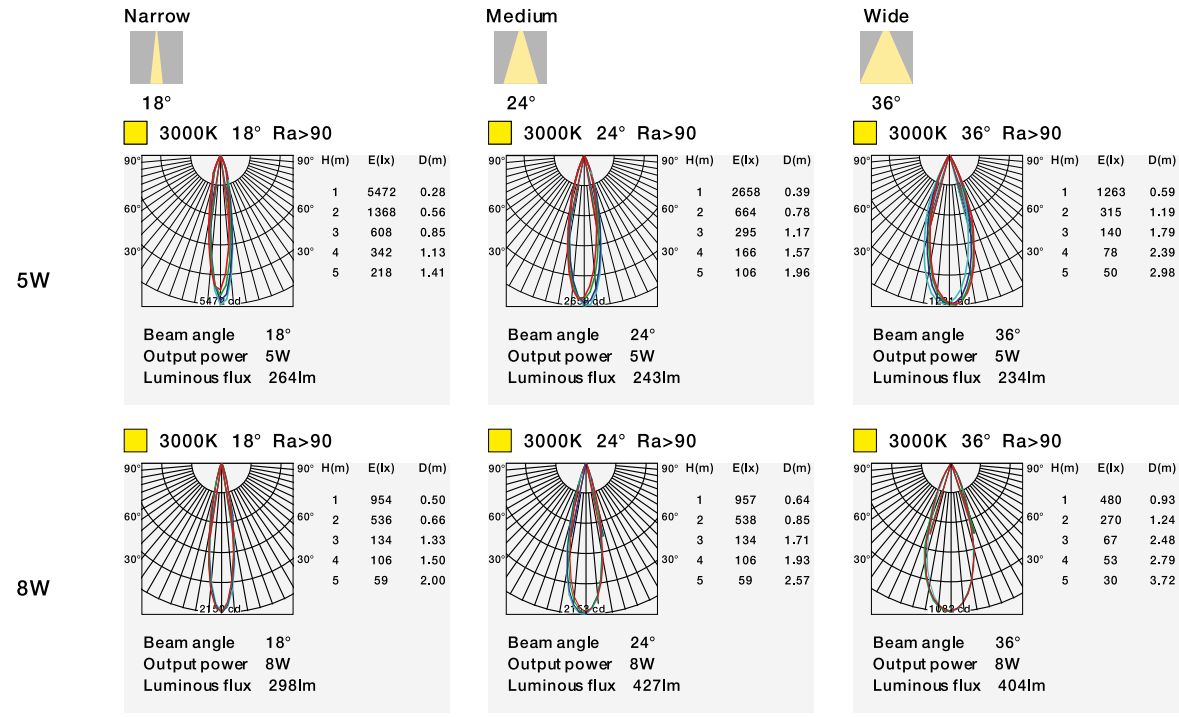
Trimless
3inch Fixed 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	300	11°	8W	480	11°
5W	300	15°	8W	480	15°
5W	300	18°	8W	480	18°
5W	300	24°	8W	480	24°
5W	300	36°	8W	480	36°
5W	300	50°	8W	480	50°

75*75

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ICL36L-4Q-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grill Red Filter Green Filter Blue Filter
		15°				
		18°				
		24°				
		36°				

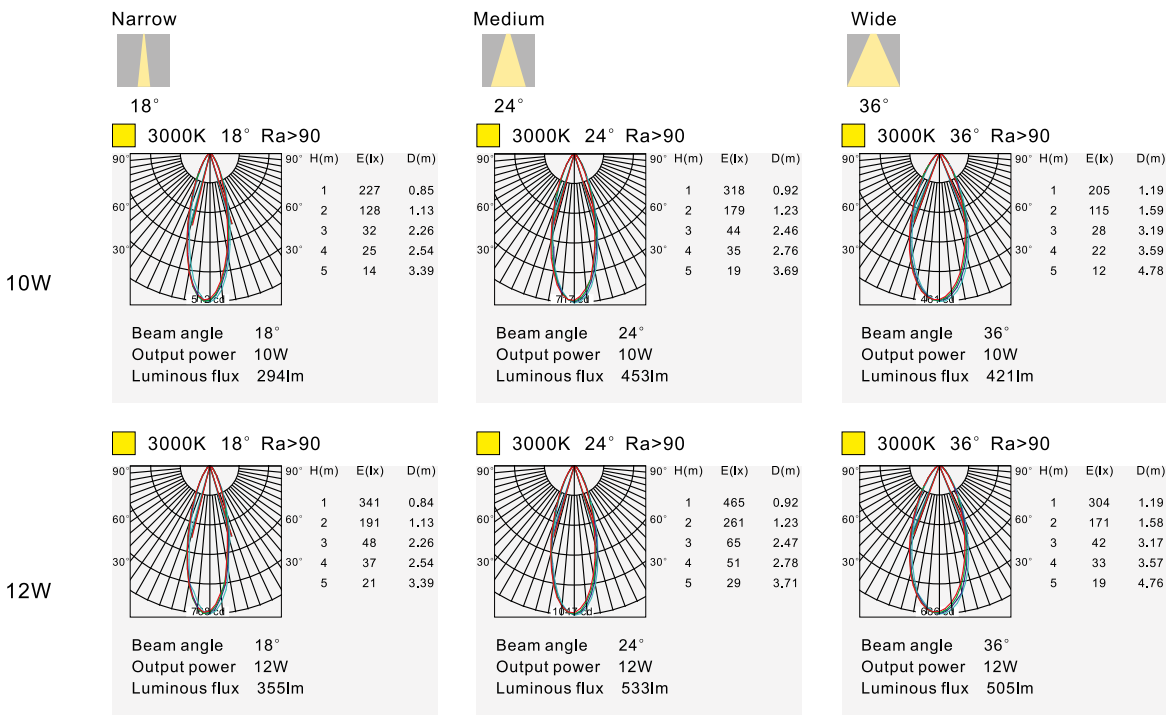


Trimless 3inch Fixed 75*75

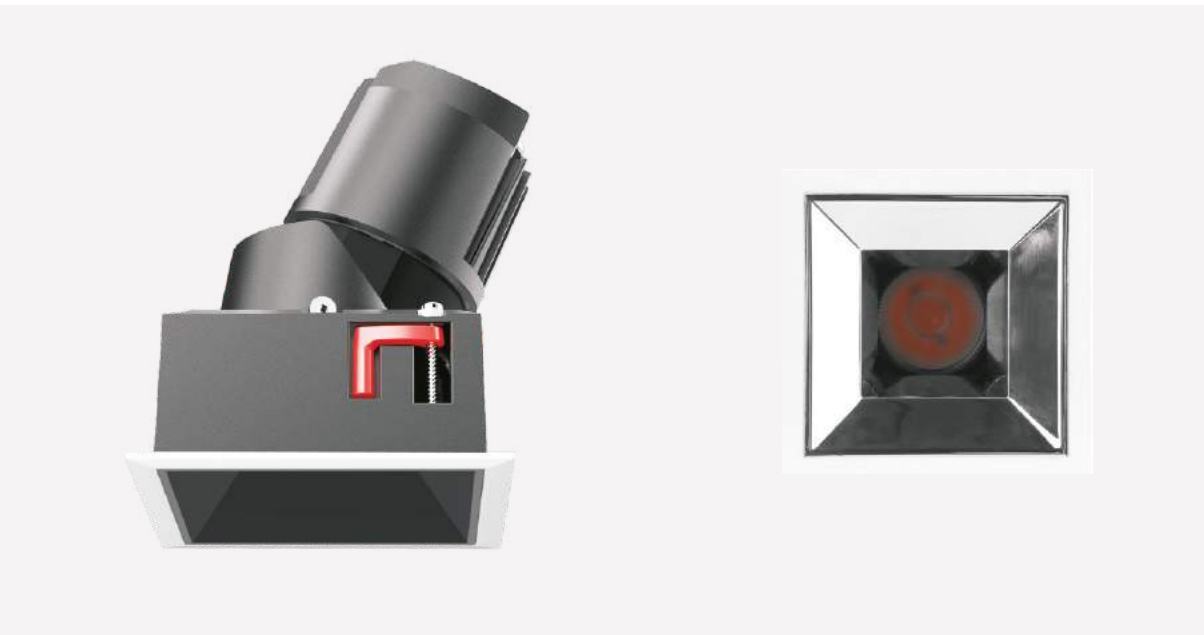


W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	480	11°	12W	560	15°
10W	480	15°	12W	560	18°
10W	480	18°	12W	560	24°
10W	480	24°	12W	560	36°
10W	480	36°	12W	560	50°
10W	480	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-4P-3F-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90
		15°			
		18°			
		24°			
		36°			



ICL36 Anti-glare Series Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Adjusting Shaft Design

30°adjustable and 350°rotatable unique light blocking design, reduce lumen losses and waste.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Variety of Reflectors

4 types of reflector choices

High-power LED SDCM<3

Different light distributions

Optischer cut-off 35°

IP level

Deep anti-dazzle

Excellent thermal management

DALI dimming

Tilttable 25°

Different sizes

Different color filters

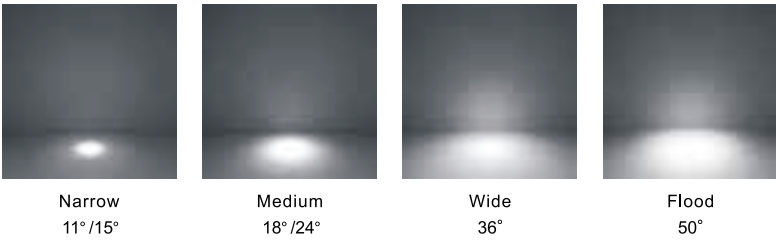
EMC - optimised

Different dimming

Horizontal 360°

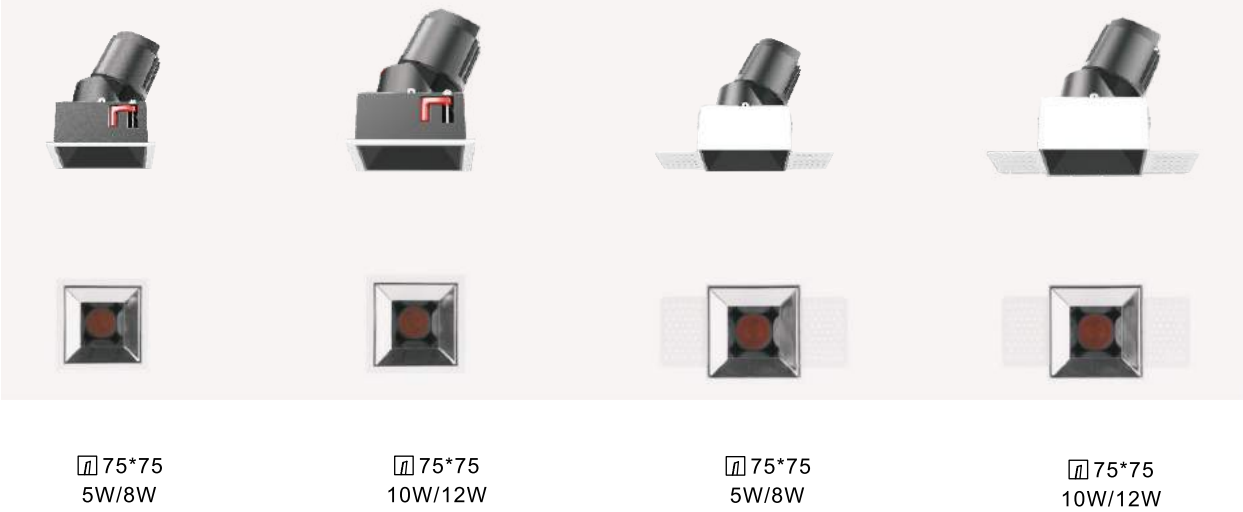
Different color temperatures

Optics

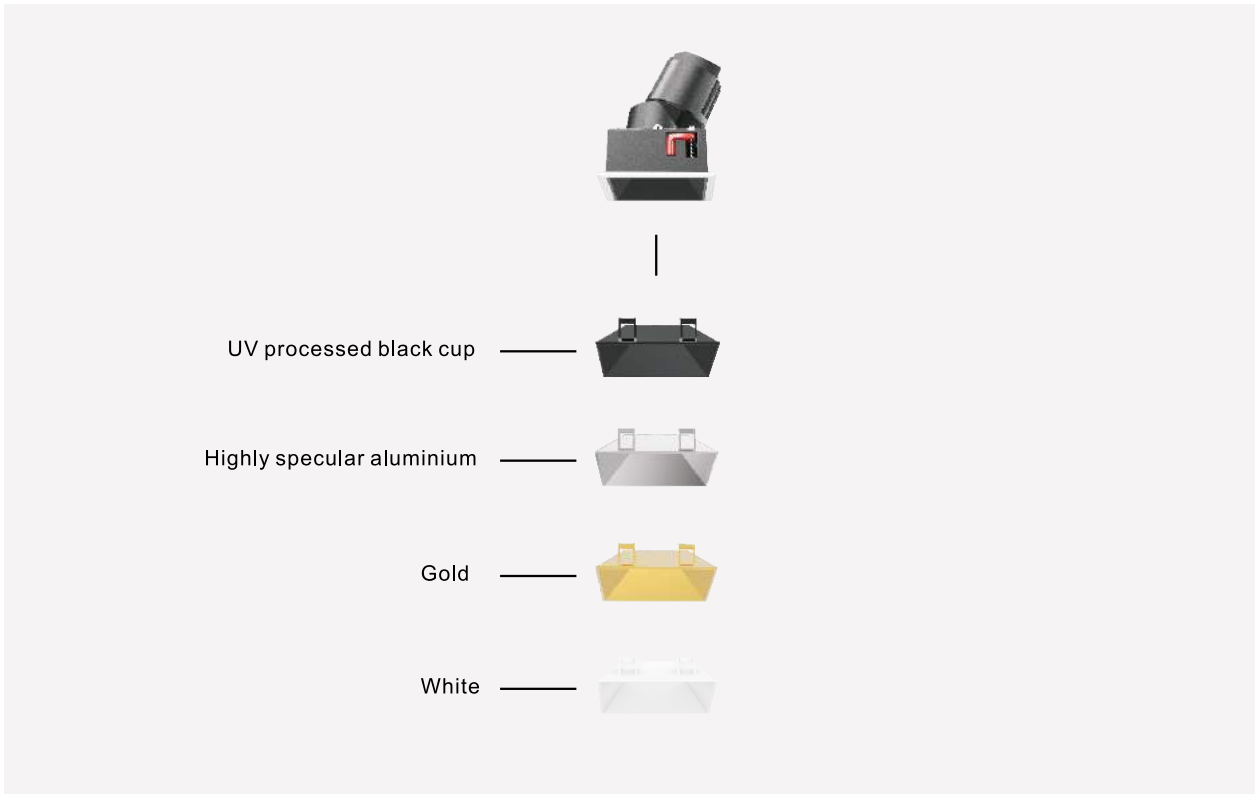


Narrow trim

Trimless



Accessories

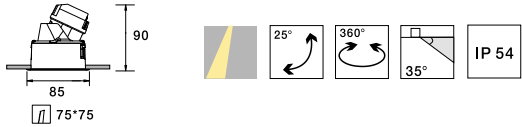


Narrow trim

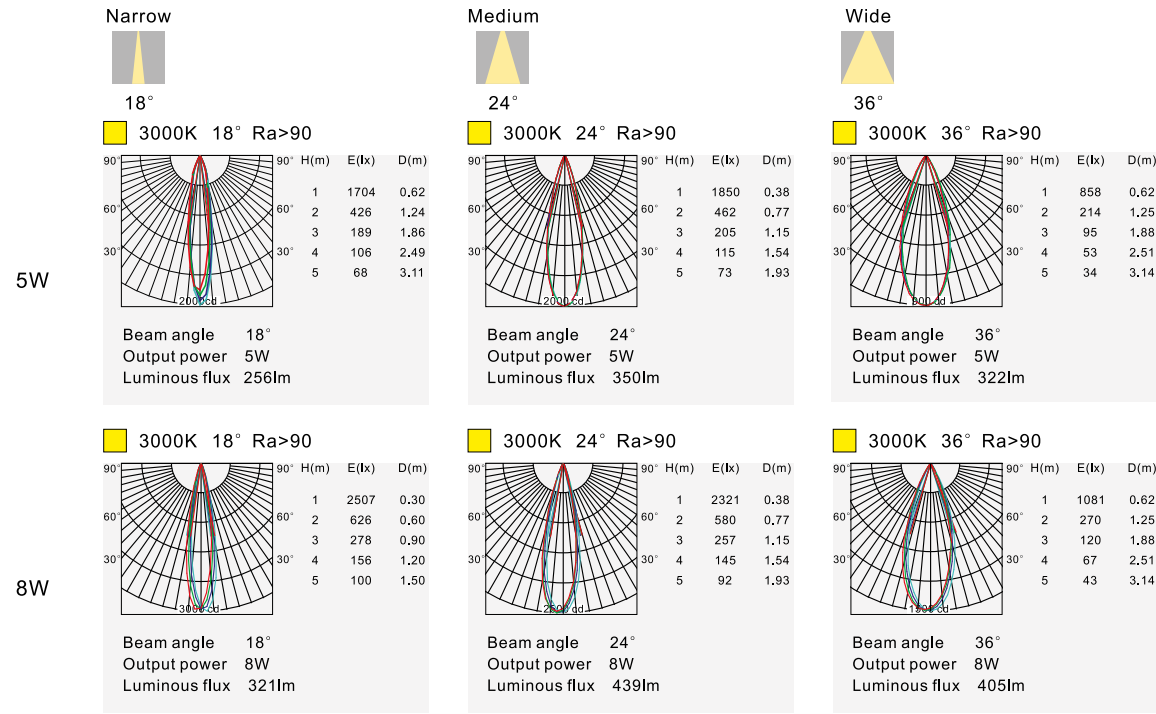
3inch Adjustable 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	300	11°	8W	400	11°
5W	300	15°	8W	400	15°
5W	300	18°	8W	400	18°
5W	300	24°	8W	400	24°
5W	300	36°	8W	400	36°
5W	300	50°	8W	400	50°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-2W-3T-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°		3000K			
		18°		4000K			
		24°		5000K			
		36°					
		50°					

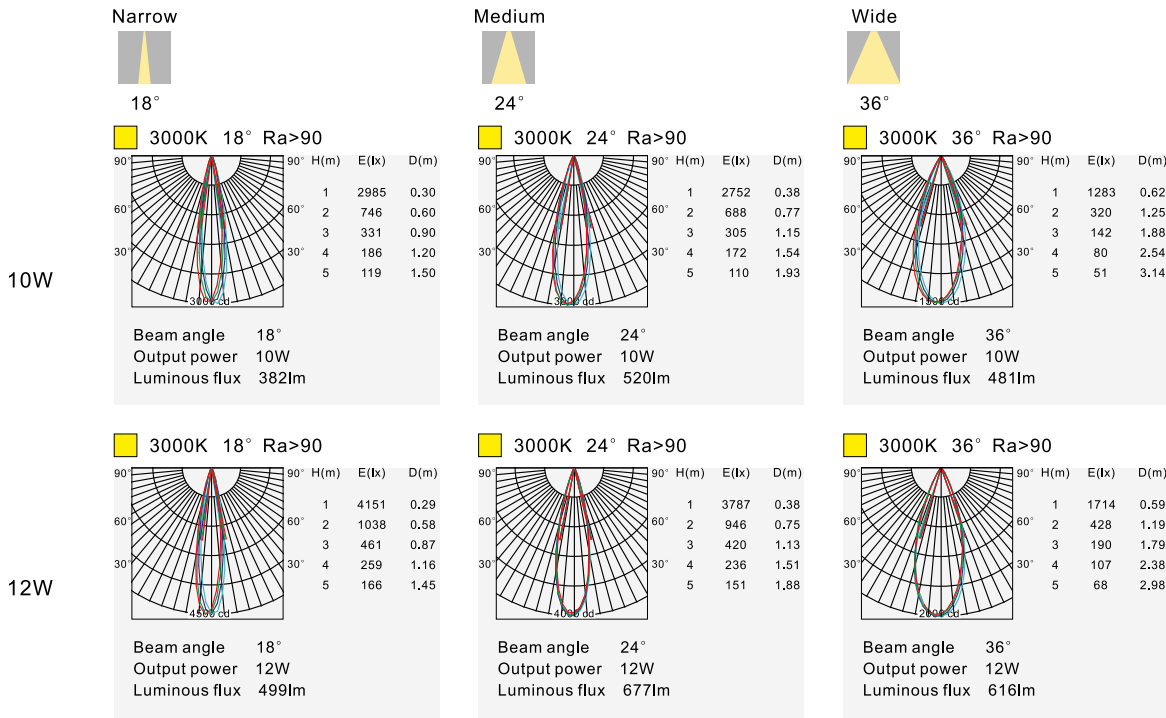


Narrow trim
3inch Adjustable 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	11°	12W	620	15°
10W	500	15°	12W	620	18°
10W	500	18°	12W	620	24°
10W	500	24°	12W	620	36°
10W	500	36°	12W	620	50°
10W	500	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-2W-3T-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					

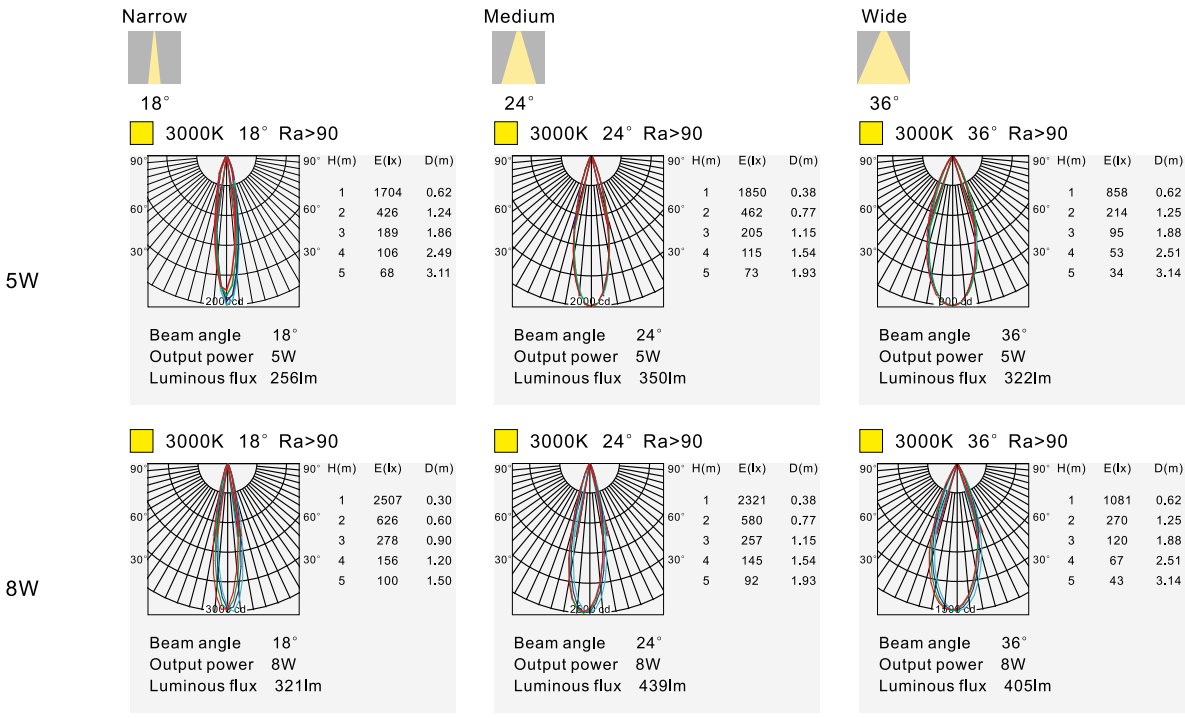


Trimless
3inch Adjustable 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	300	11°	8W	400	11°
5W	300	15°	8W	400	15°
5W	300	18°	8W	400	18°
5W	300	24°	8W	400	24°
5W	300	36°	8W	400	36°
5W	300	50°	8W	400	50°

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-4W-3T-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					
		50°					

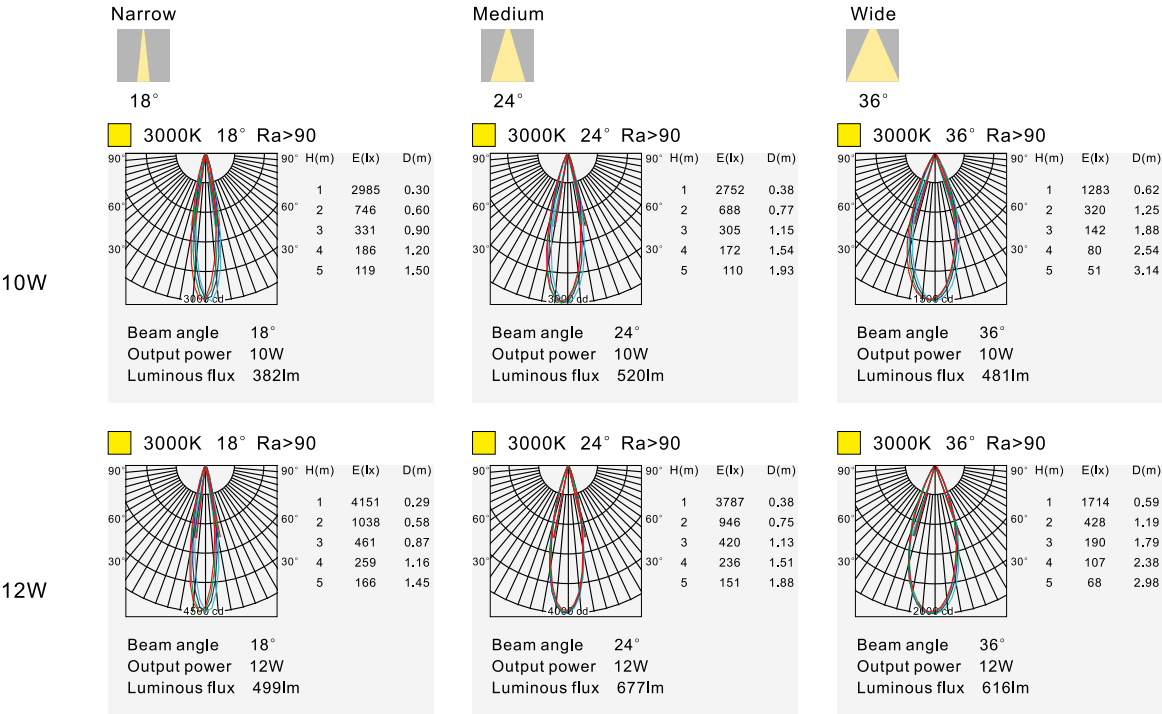


Trimless
3inch Adjustable 75*75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	11°	12W	620	15°
10W	500	15°	12W	620	18°
10W	500	18°	12W	620	24°
10W	500	24°	12W	620	36°
10W	500	36°	12W	620	50°
10W	500	50°			

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-4W-3T-H	10W 12W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter
		15°					
		18°					
		24°					
		36°					



	ICL36L-2-3-S		ICL36L-2-3-H		ICL36L-4-3-S		ICL36L-4-3-H	
	5W	8W	10W	12W	5W	8W	10W	12W
Optics								
Narrow 11°	•	•	•		•	•	•	
Medium 15°	•	•	•	•	•	•	•	•
Medium 18°	•	•	•	•	•	•	•	•
Medium 24°	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	•	•	•	•
Flood 50°	•	•	•	•	•	•	•	•
Colour								
White+Black+Iron gray	•	•	•	•	•	•	•	•
Size								
85mm*85mm*90mm	•	•						
85mm*85mm*110mm			•	•				
145mm*74mm*90mm					•	•		
145mm*74mm*110mm							•	•
Cutout								
75mm*75mm	•	•	•	•	•	•	•	•
Function								
Fixed	•	•	•	•	•	•	•	•
Adjustable	•	•	•	•	•	•	•	•
Installation								
Narrow trim	•	•	•	•	•	•	•	•
Trimless								
Flow obviously refers to								
2700K Ra>90	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•
5000K Ra>90	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•
Dimming Type								
DALI	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•
Reflector surface finishes								
UV processed black cup	•	•	•	•	•	•	•	•
Highly specular aluminium	•	•	•	•	•	•	•	•
Gold	•	•	•	•	•	•	•	•
White	•	•	•	•	•	•	•	•
Square	•	•	•	•				
Anti-fog	•	•	•	•				
Optical Accessories								
Honeycomb Filter	•	•	•	•	•	•	•	•
Cross-grille	•	•	•	•	•	•	•	•
Stripped Glass	•	•	•	•	•	•	•	•
Red Filter	•	•	•	•	•	•	•	•
Green Filter	•	•	•	•	•	•	•	•
Blue Filter	•	•	•	•	•	•	•	•



ICL36 Anti-glare Series



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively, and ensure the lamp performance and long lifespan.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

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Variety of Reflectors

4 types of reflector choices



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 35



IP level



Horizontal 360°



Different color
temperatures

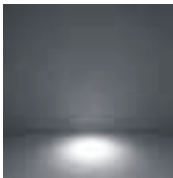


Deep anti-dazzle

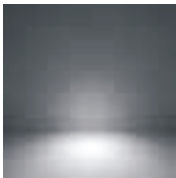


Different color
filters

Optics



Medium
18°/24°

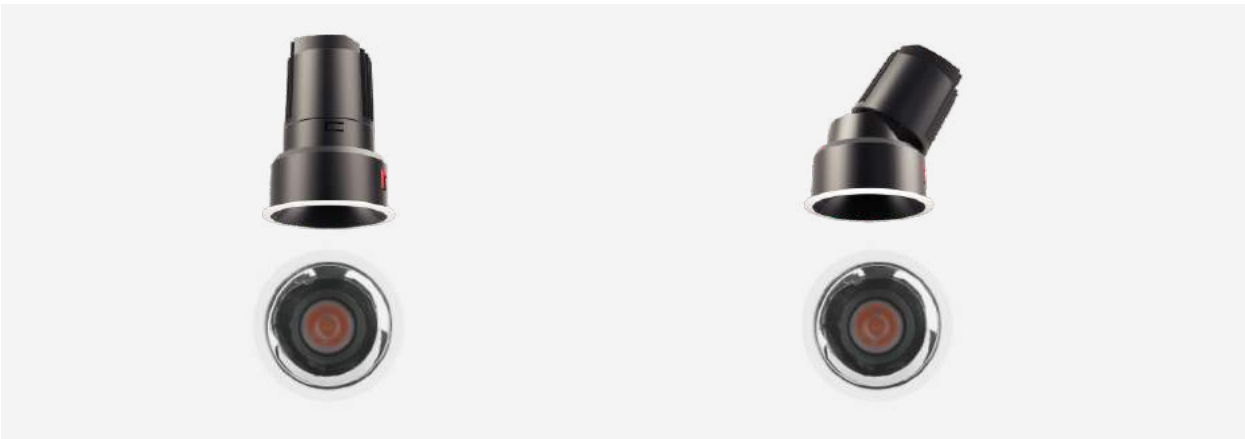


Wide
36°



Flood
45°

Narrow trim



Ø100
20W/25W/30W

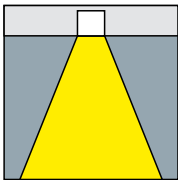
Ø100
20W/25W/30W

Trimless

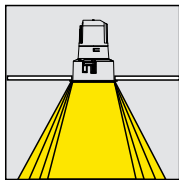


Ø110
20W/25W/30W

Ø110
20W/25W/30W

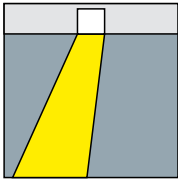


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

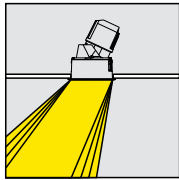


Downlights (Fixed)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
20W-30W
1600lm-2400lm

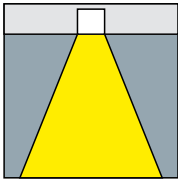


Accentuation
Meet the demand of
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spatial lighting for the
building.

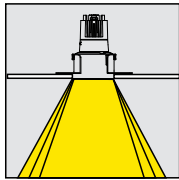


Directional luminaires (Adjustable)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
20W-30W
1600lm-2400lm

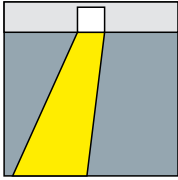


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

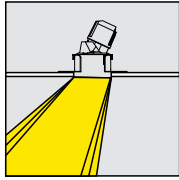


Downlights (Fixed)
Narrow to very wide beam ,
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LED
20W-30W
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Accentuation
Meet the demand of
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Directional luminaires (Adjustable)
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LED
20W-30W
1600lm-2400lm

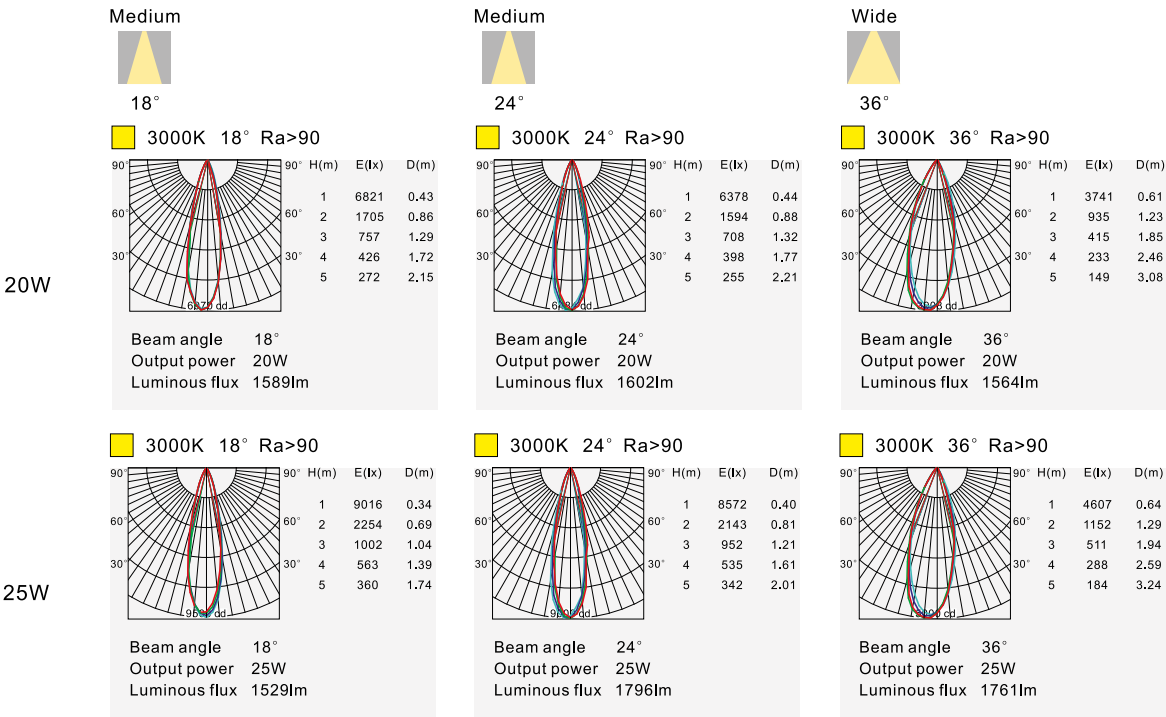
Narrow trim
4inch Fixed 100



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1600	18°	25W	2000	18°	30W	2400	18°
20W	1600	24°	25W	2000	24°	30W	2400	24°
20W	1600	36°	25W	2000	36°	30W	2400	36°
20W	1600	45°	25W	2000	45°	30W	2400	45°



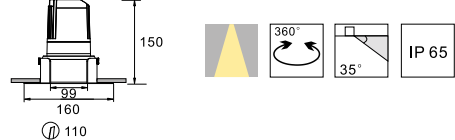
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1D-4F	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
	30W	45°		5000K			



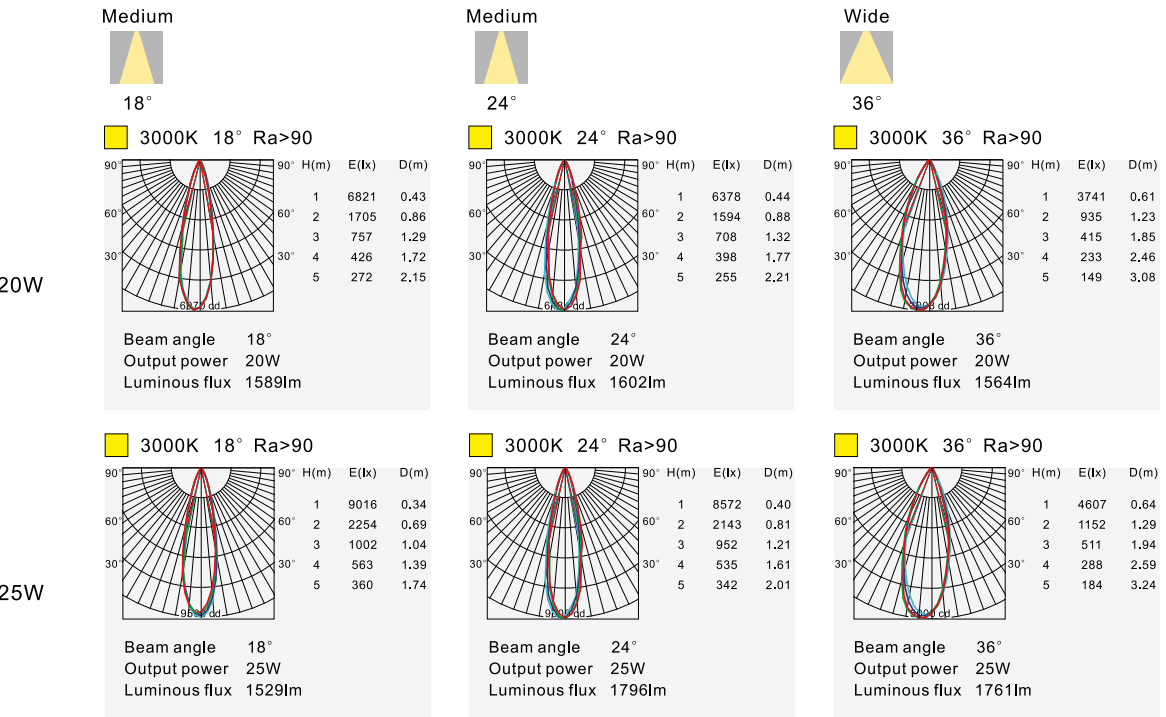
Trimless
4inch Fixed 110



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1600	18°	25W	2000	18°	30W	2400	18°
20W	1600	24°	25W	2000	24°	30W	2400	24°
20W	1600	36°	25W	2000	36°	30W	2400	36°
20W	1600	45°	25W	2000	45°	30W	2400	45°



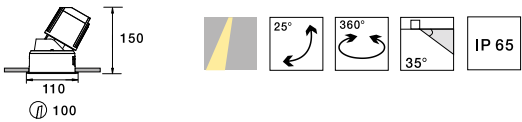
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-3D-4F	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
	30W	45°		5000K			



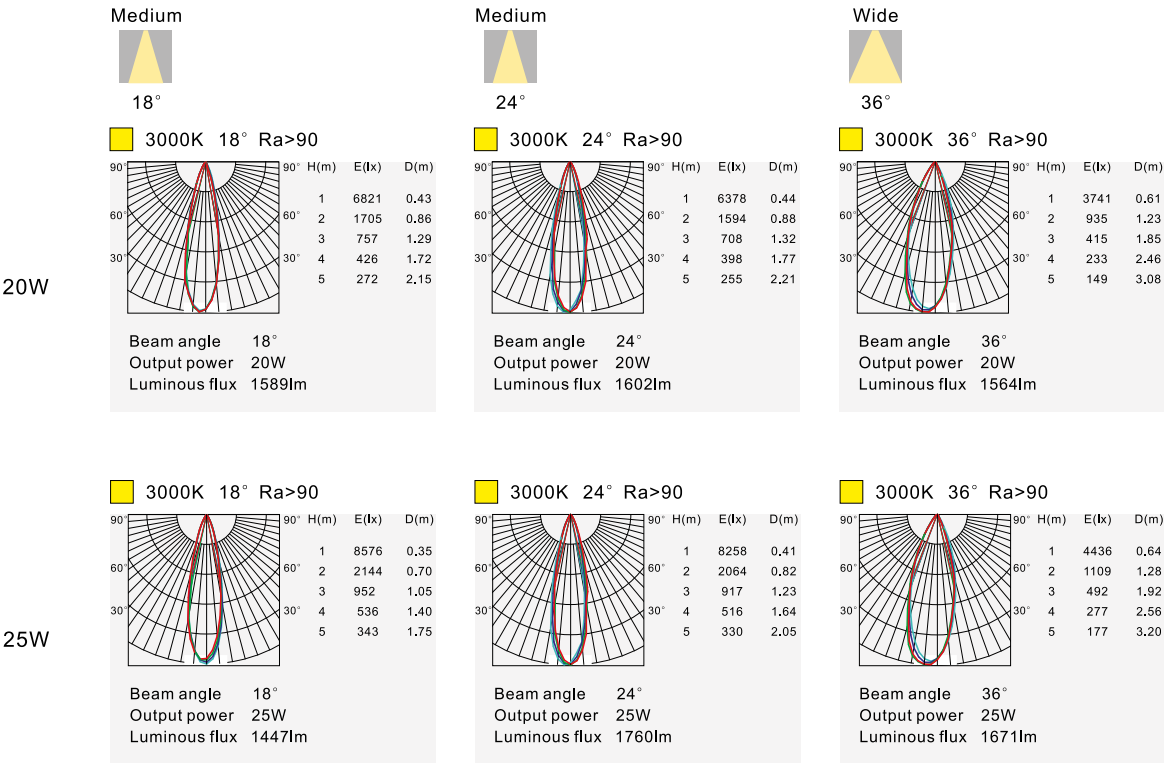
Narrow trim
4inch Adjustable 100



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1200	18°	25W	1500	18°	30W	1800	18°
20W	1200	24°	25W	1500	24°	30W	1800	24°
20W	1200	36°	25W	1500	36°	30W	1800	36°
20W	1200	45°	25W	1500	45°	30W	1800	45°



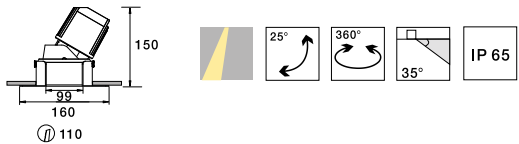
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1W-4T	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
	30W	45°		5000K			



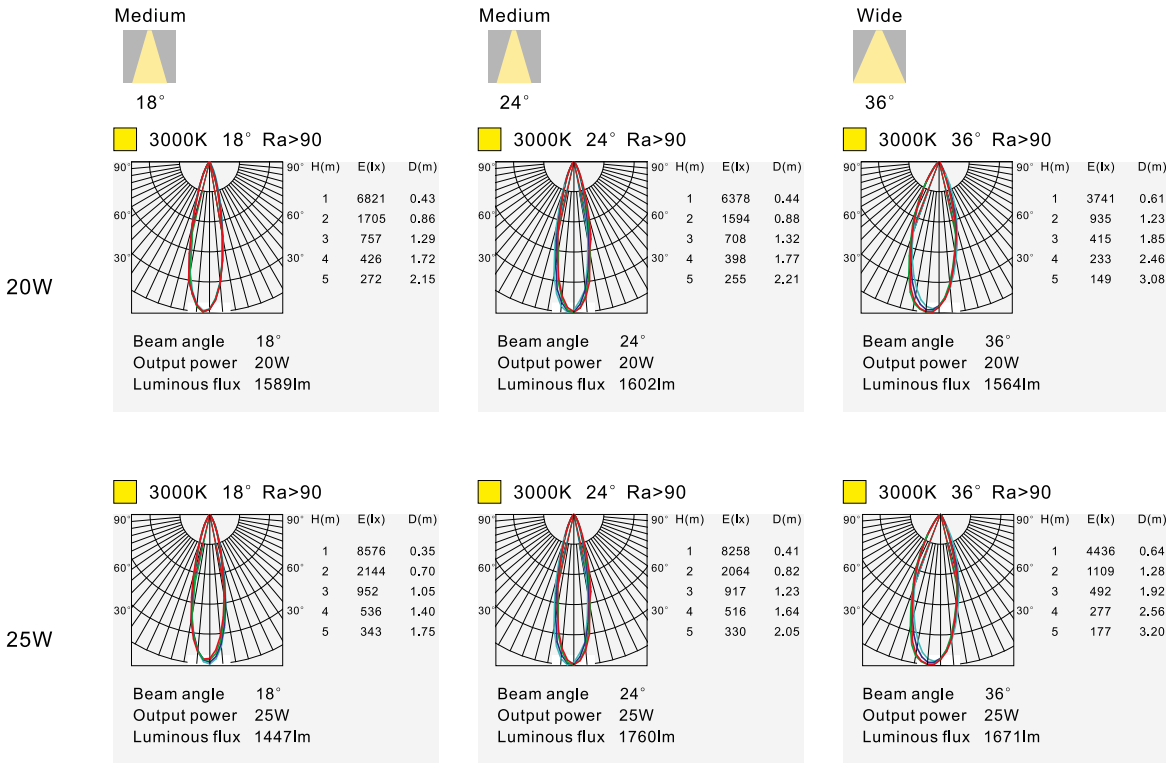
Trimless
4inch Adjustable 110

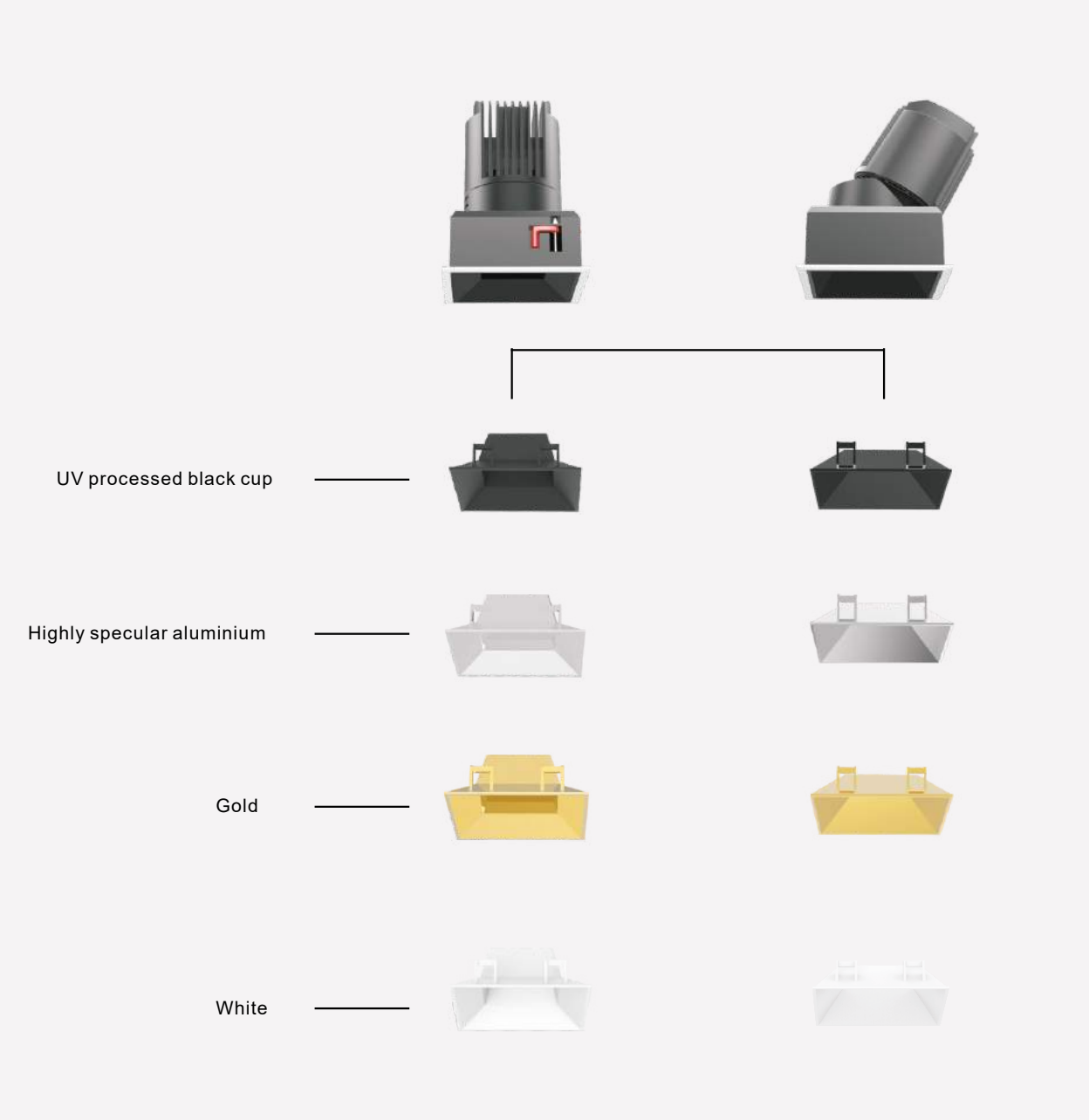


W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1200	18°	25W	1500	18°	30W	1800	18°
20W	1200	24°	25W	1500	24°	30W	1800	24°
20W	1200	36°	25W	1500	36°	30W	1800	36°
20W	1200	45°	25W	1500	45°	30W	1800	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-3W-4T	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
	30W	45°		5000K			





Narrow trim

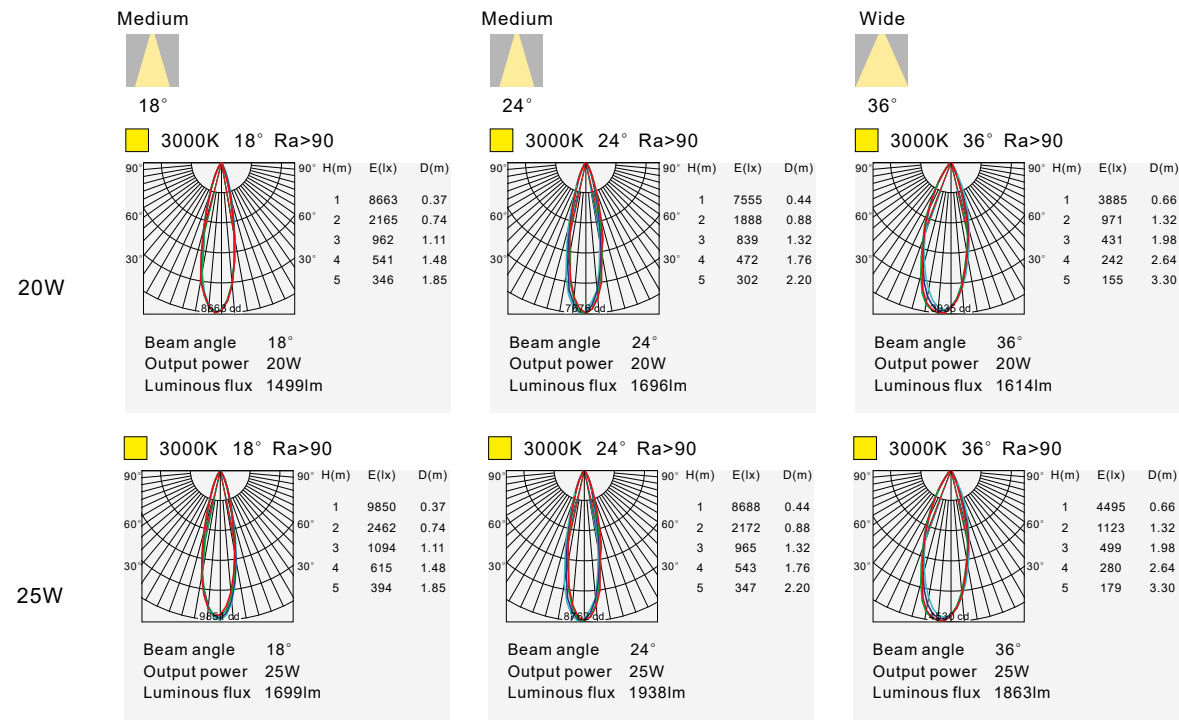
4inch Fixed 100*100



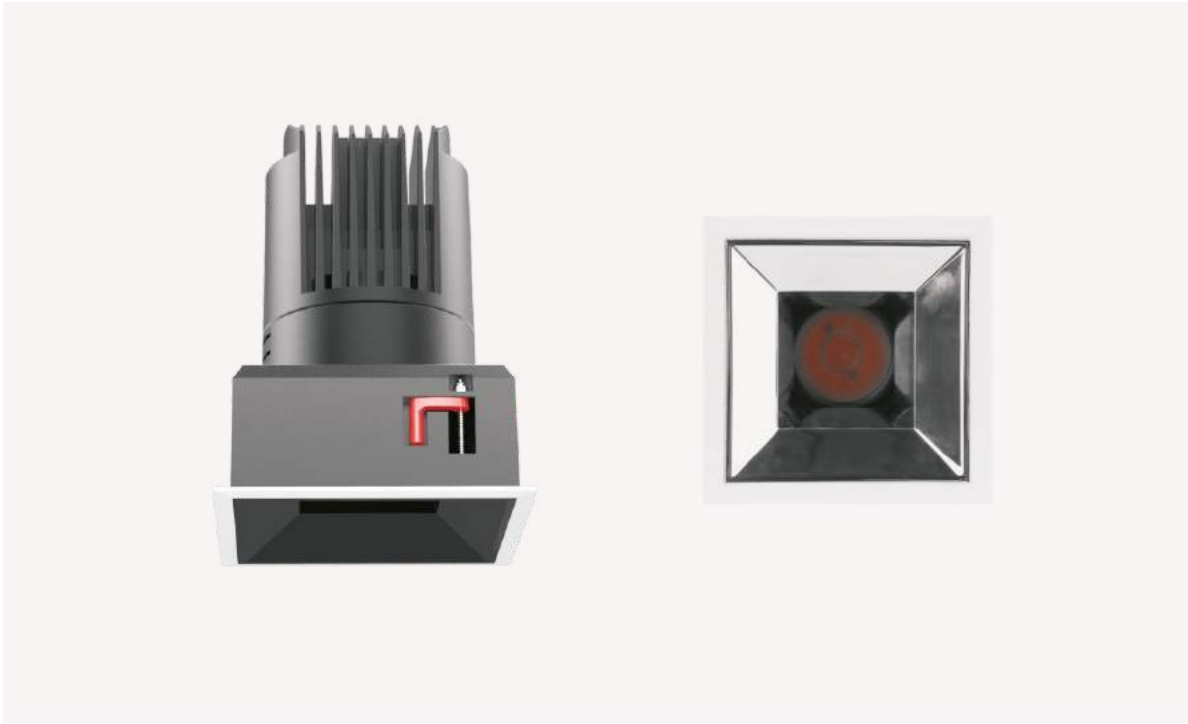
W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20 W	1600	18°	25W	2000	18°	30W	2400	18°
20W	1600	24°	25W	2000	24°	30W	2400	24°
20W	1600	36°	25W	2000	36°	30W	2400	36°
20W	1600	45°	25W	2000	45°	30W	2400	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-2D-4F	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
		45°		5000K			



ICL36 Anti-glare Series



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

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Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

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4 types of reflector choices



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 35



IP level



Horizontal 360°



Different color
temperatures

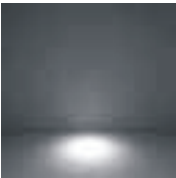


Deep anti-dazzle

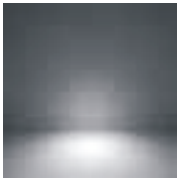


Different color
filters

Optics



Medium
18°/24°



Wide
36°



Flood
45°

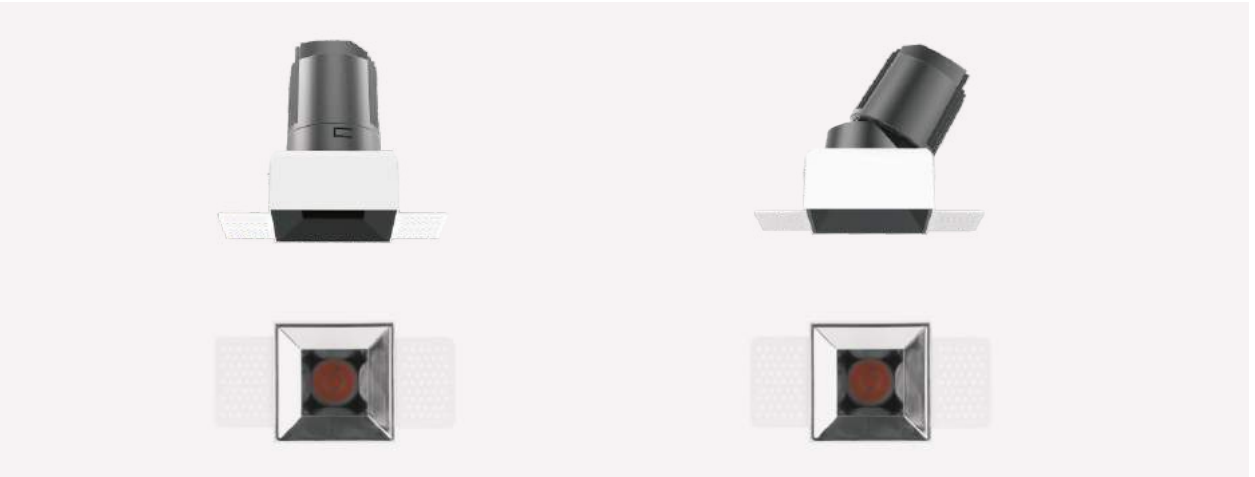
Narrow trim



100*100
20W/25W/30W

100*100
20W/25W/30W

Trimless



100*100
20W/25W/30W

100*100
20W/25W/30W

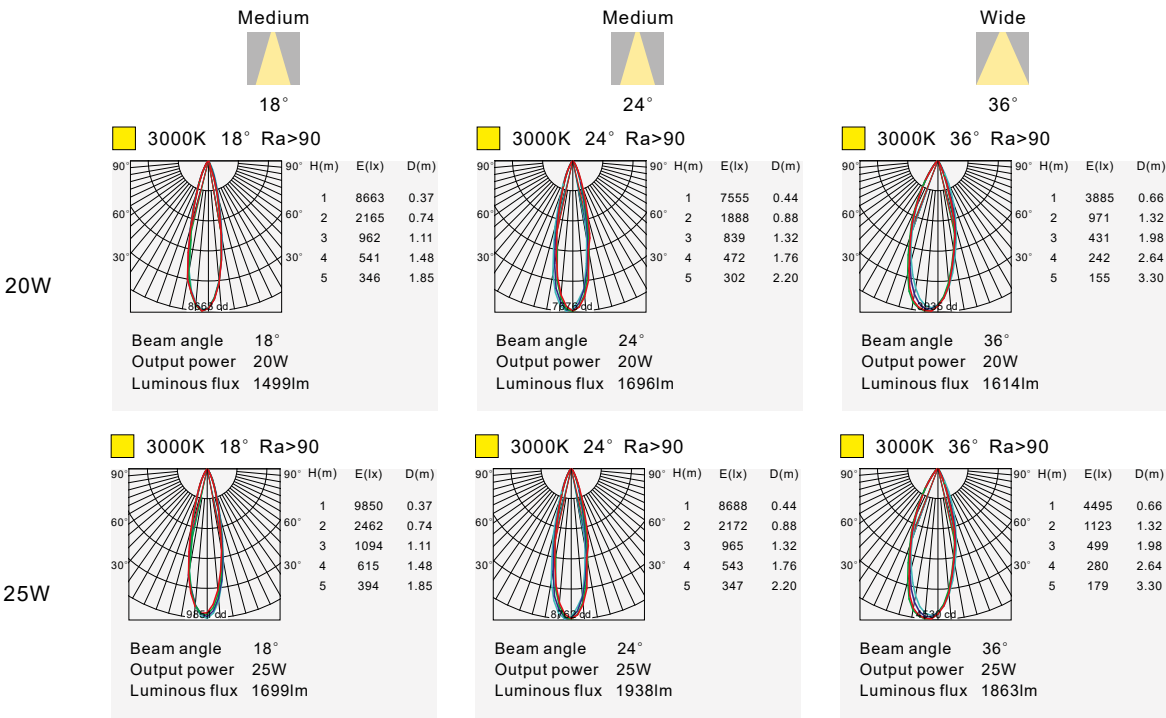
Trimless
4inch Fixed 100*100



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1600	18°	25W	2000	18°	30W	2400	18°
20W	1600	24°	25W	2000	24°	30W	2400	24°
20W	1600	36°	25W	2000	36°	30W	2400	36°
20W	1600	45°	25W	2000	45°	30W	2400	45°



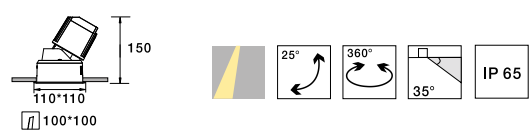
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-4D-4F	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
	30W	45°		5000K			



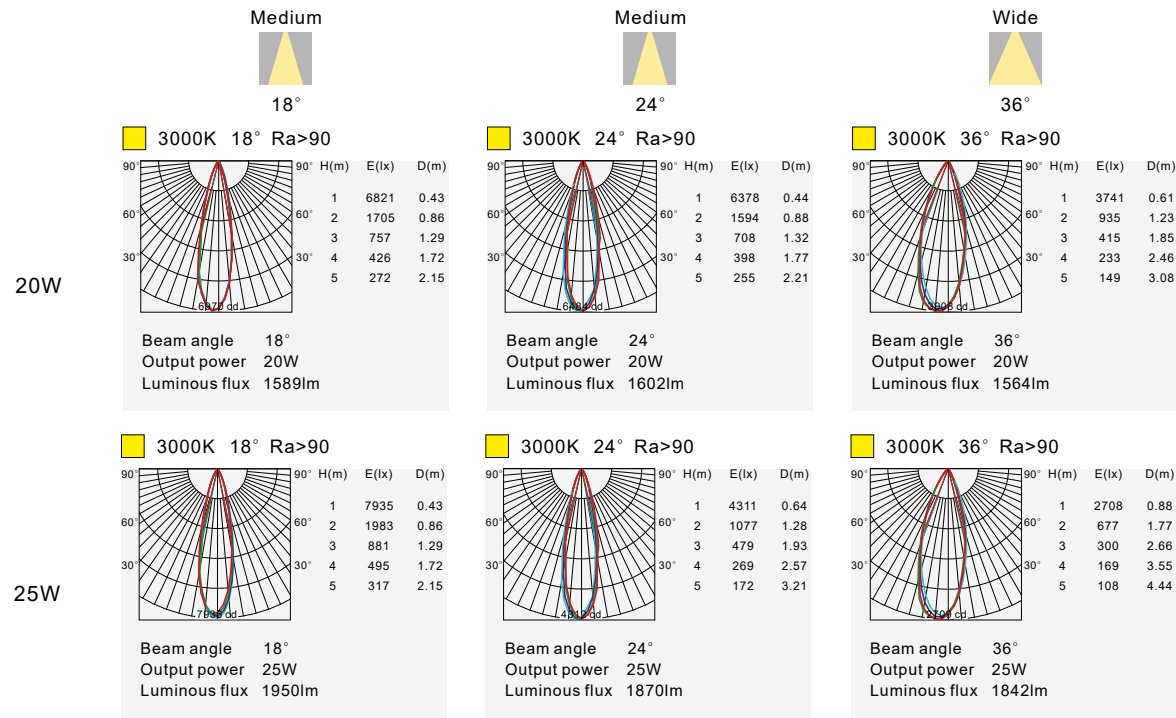
Narrow
4inch Adjustable 100*100



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1600	18°	25W	2000	18°	30W	2400	18°
20W	1600	24°	25W	2000	24°	30W	2400	24°
20W	1600	36°	25W	2000	36°	30W	2400	36°
20W	1600	45°	25W	2000	45°	30W	2400	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-2W-4T	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
	30W	45°		5000K			

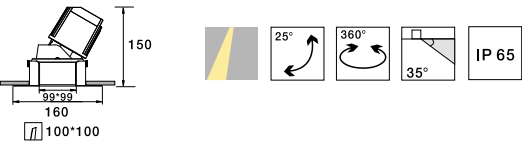


Trimless

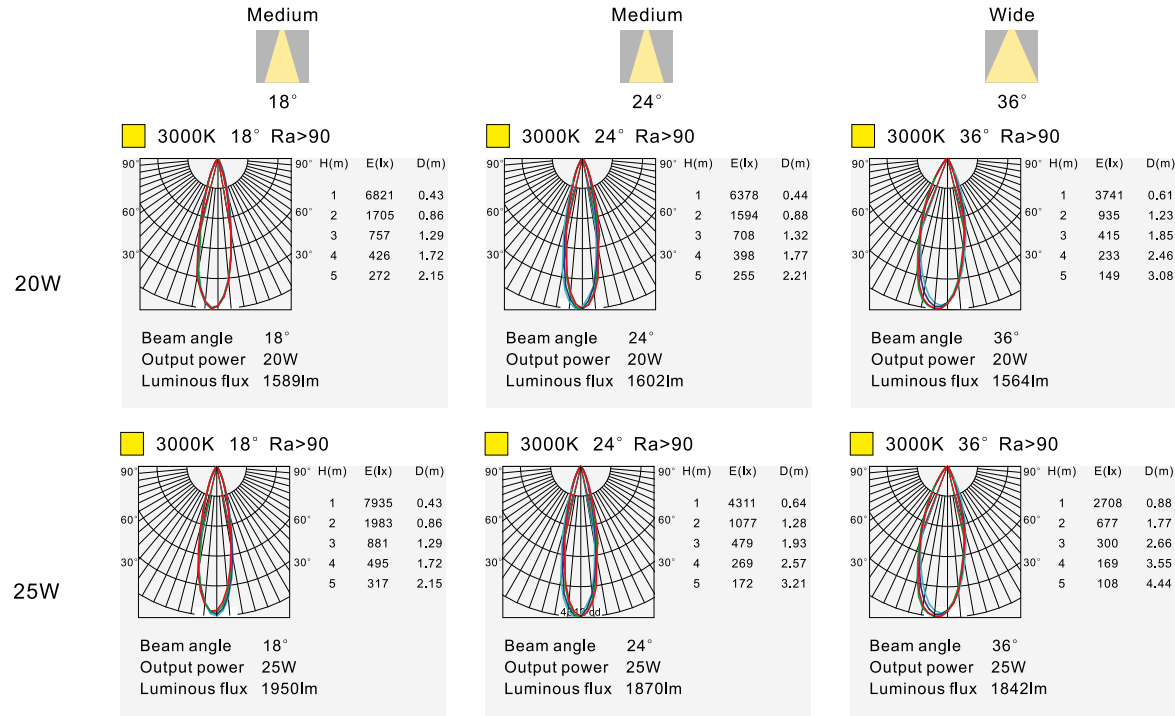
4inch Adjustable 100*100



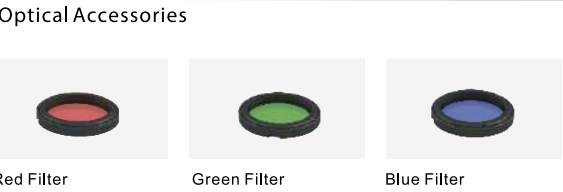
W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
20W	1800	18°	25W	2000	18°	30W	1900	18°
20W	1800	24°	25W	2000	24°	30W	2400	24°
20W	1800	36°	25W	2000	36°	30W	2400	36°
20W	1800	45°	25W	2000	45°	30W	2400	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-4W-4T	20W	18°	1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	25W	24°		3000K			
	30W	36°		4000K			
		45°		5000K			



	ICL36L-1-4			ICL36L-3-4			ICL36L-2-4			ICL36L-4-4		
	20W	25W	30W	20W	25W	30W	20W	25W	30W	20W	25W	30W
Optics												
Medium 18°	•	•	•	•	•	•	•	•	•	•	•	•
Medium 24°	•	•	•	•	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	•	•	•	•	•	•	•	•
Flood 45°	•	•	•	•	•	•	•	•	•	•	•	•
Colour												
White+Black+Iron gray	•	•	•	•	•	•	•	•	•	•	•	•
Size												
110*150mm	•	•	•	•	•	•	•	•	•	•	•	•
160*99*150mm	•	•	•	•	•	•	•	•	•	•	•	•
110*110*150mm	•	•	•	•	•	•	•	•	•	•	•	•
160*99*99*150mm	•	•	•	•	•	•	•	•	•	•	•	•
Cutout												
100mm	•	•	•	•	•	•	•	•	•	•	•	•
110mm	•	•	•	•	•	•	•	•	•	•	•	•
100*100mm	•	•	•	•	•	•	•	•	•	•	•	•
Function												
Fixed	•	•	•	•	•	•	•	•	•	•	•	•
Adjustable	•	•	•	•	•	•	•	•	•	•	•	•
Installation												
Narrow trim	•	•	•	•	•	•	•	•	•	•	•	•
Trimless	•	•	•	•	•	•	•	•	•	•	•	•
Flow obviously refers to												
2700K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
Dimming Type												
DALI	•	•	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•	•	•	•	•
Reflector surface finishes												
UV processed black cup	•	•	•	•	•	•	•	•	•	•	•	•
Highly specular aluminium	•	•	•	•	•	•	•	•	•	•	•	•
Gold	•	•	•	•	•	•	•	•	•	•	•	•
White	•	•	•	•	•	•	•	•	•	•	•	•
Optical Accessories												
Red Filter	•	•	•	•	•	•	•	•	•	•	•	•
Green Filter	•	•	•	•	•	•	•	•	•	•	•	•
Blue Filter	•	•	•	•	•	•	•	•	•	•	•	•



ICL36 Anti-glare Series

Wall washer



High-performance Chip










Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Lens

Professional optical lens, higher lumen efficiency.

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

	High-power LED SDCM<3		Excellent thermal management		EMC - optimised
	DALI dimming		Different dimming		IP level
	Horizontal 360°		Different sizes		Different color temperatures

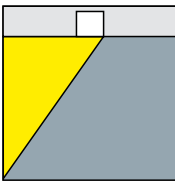
Optics



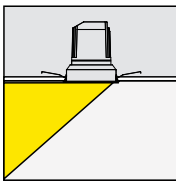
Wall Washer



		
Ø75 5W/8W	Ø75 10W/12W	Ø100 20W/25W/30W



Wallwashing
Wide asymmetric light distribution for wall washing lighting or creating a sense of space.



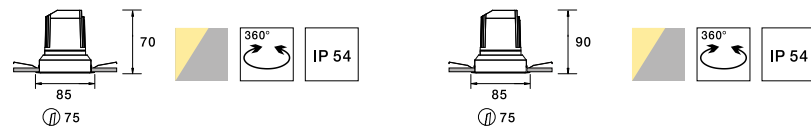
Wallwashing
Asymmetrical light distribution for highly uniform wallwashing.

LED
5W-30W
400lm-2400lm

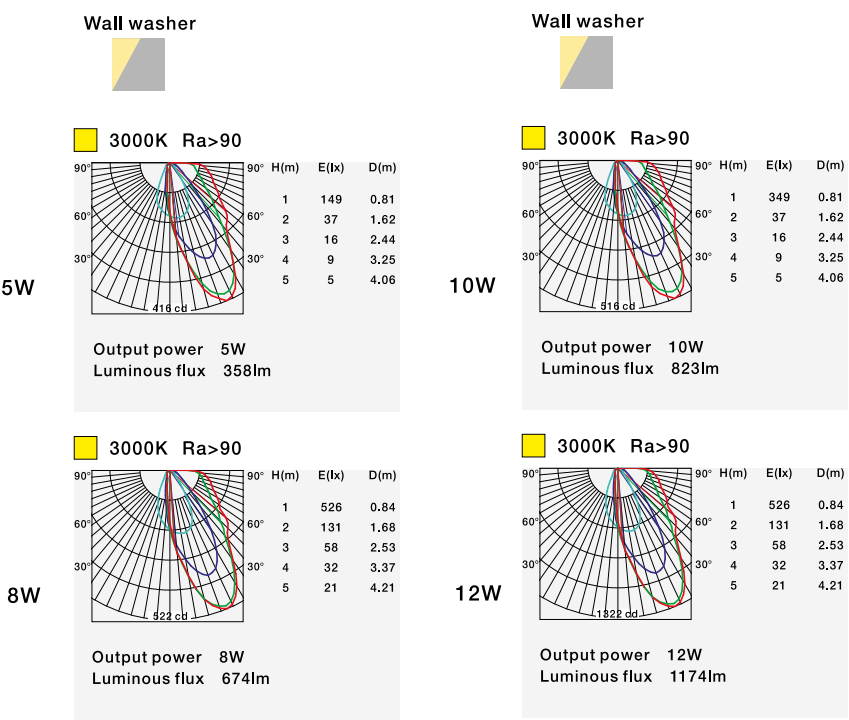
3inch Wallwasher 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
5W	400	Wallwasher	10W	800	Wallwasher
8W	640	Wallwasher	12W	960	Wallwasher



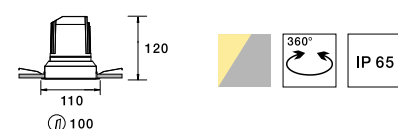
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-1V-3F-S	5W	Wall washer	TRIAC	2700K	Ra>80 Ra>90
	8W		1~10V	3000K	
ICL36L-1V-3F-H	10W		DALI	4000K	
	12W		Non dimmable	5000K	



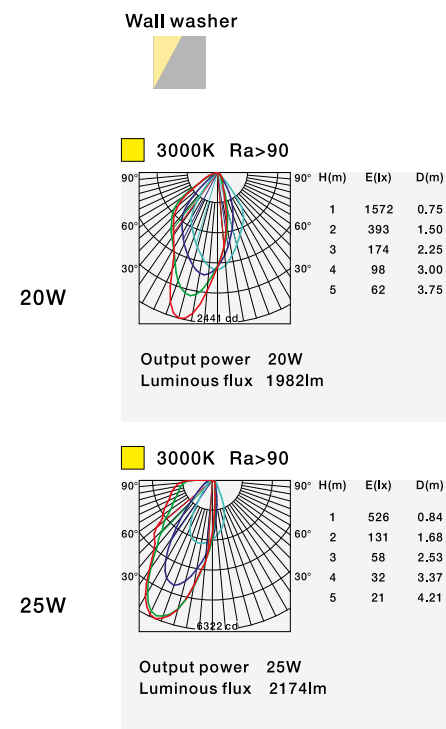
4inch Wallwasher 100



W	LM	Optic
3000K-CRI 90		
20W	1600	Wallwasher
25W	2000	Wallwasher
30W	2400	Wallwasher



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-1V-4F	20W	Wall washer	1~10V	2700K	Ra>80 Ra>90
	25W		DALI	3000K	
	30W		Non dimmable	4000K 5000K	



	ICL36L-1V-3F-S		ICL36L-1V-3F-H		ICL36L-1V-4		
	5W	8W	10W	12W	20W	25W	30W
Optics							
Wallwasher							
Colour							
White+Iron gray							
Size							
85mm*70mm							
85mm*90mm							
110mm*120mm							
Cutout							
75mm							
100mm							
Flow obviously refers to							
2700K Ra>90							
3000K Ra>90							
3500K Ra>90							
4000K Ra>90							
5000K Ra>90							
2700K Ra>80							
3000K Ra>80							
3500K Ra>80							
4000K Ra>80							
Dimming Type							
DALI							
TRIAC							
1-10V							
Non dimmable							

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ICL13 Anti-glare Series Downlight

High power COB downlight and high brightness with double reflectors design,shares with you the shining light and gorgeous feeling without glare.



ICL13 Anti-glare Series

Fixed



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Variety of Reflectors

3 types of reflector choices



High-power LED
SDCM<3



Different light
distributions



Optischer cut-off 35



Different color
temperatures



Excellent thermal
management



DALI dimming



IP level



Deep anti-dazzle



EMC - optimised



Different dimming

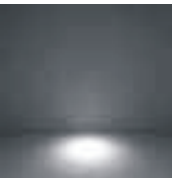


Different sizes

Optics



Narrow
15°



Medium
20°/24°



Wide
30°/36°



Flood
40°/45°

Narrow trim



Ø85
10W/15W

Ø120
15W/20W/25W

Ø120
30W

Ø150
15W/20W/25W

Ø170
30W/40W

Finishes



UV processed black cup



Highly specular aluminium



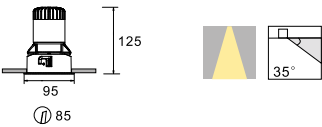
Gold



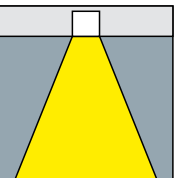
Narrow trim 3inch Fixed 85



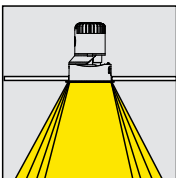
W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	650	15°	15W	1050	15°
10W	650	24°	15W	1050	24°
10W	650	36°	15W	1050	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-3F	10W	15°	TRIAC	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	15W	24°	1~10V	3000K		
		36°	DALI	3500K		
			Non dimmable	4000K		

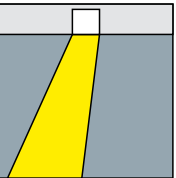


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

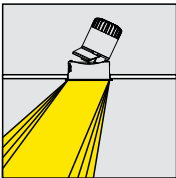


Downlights (Fixed)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
10W-40W
650lm-3400lm



Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.



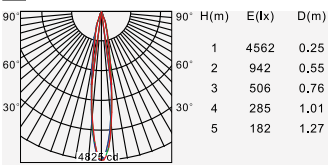
Directional luminaires (Adjustable)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
10W-40W
650lm-3400lm



15°

3000K 15° Ra>90

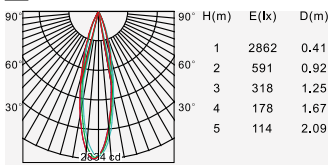


Beam angle 15°
Output power 10W
Luminous flux 589lm



24°

3000K 24° Ra>90

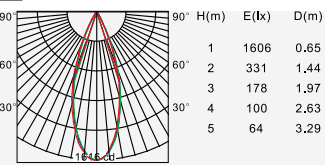


Beam angle 24°
Output power 10W
Luminous flux 647lm



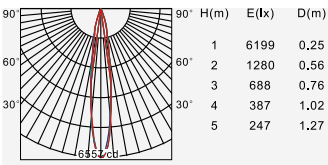
36°

3000K 36° Ra>90



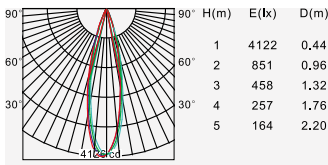
Beam angle 36°
Output power 10W
Luminous flux 628lm

3000K 15° Ra>90



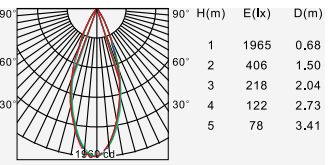
Beam angle 15°
Output power 15W
Luminous flux 804lm

3000K 24° Ra>90



Beam angle 24°
Output power 15W
Luminous flux 949lm

3000K 36° Ra>90

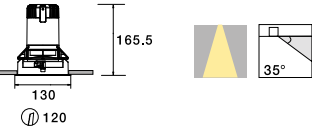


Beam angle 36°
Output power 15W
Luminous flux 863lm

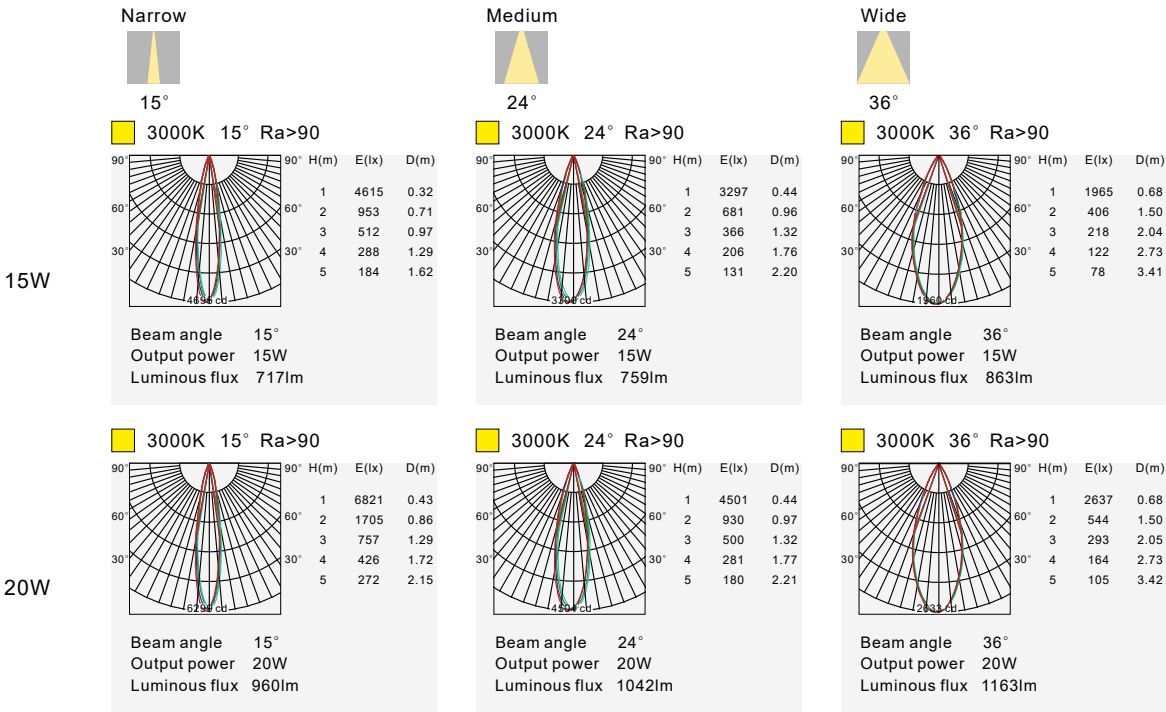
Narrow trim
4inch Fixed 120



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
15W	1050	15°	20W	1400	15°	25W	1750	15°
15W	1050	24°	20W	1400	24°	25W	1750	24°
15W	1050	36°	20W	1400	36°	25W	1750	36°



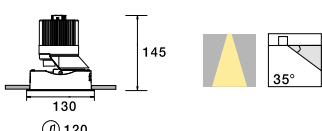
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-4F	15W	15°	TRIAC	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	20W	24°	1~10V	3000K		
	25W	36°	DALI	3500K		
			Non dimmable	4000K		



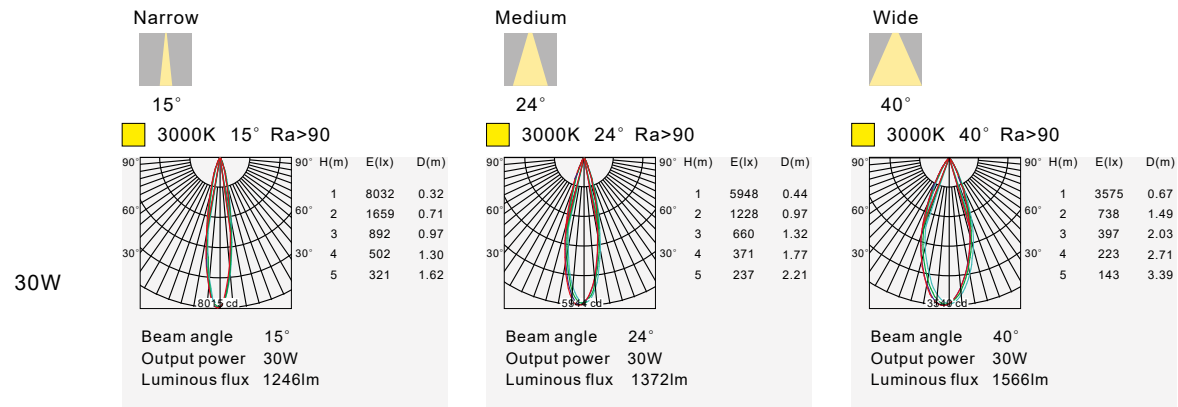
Narrow trim
4inch Fixed 120



W	LM	Optic
3000K-CRI 90		
30W	1800	15°
30W	1800	24°
30W	1800	40°



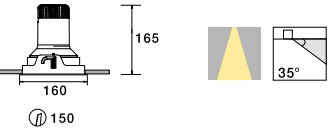
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-4F	30W	15°	TRIAC	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
		24°	1~10V	3000K		
		40°	DALI	3500K		
			Non dimmable	4000K		



Narrow trim
5inch Fixed 150



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
15W	1275	20°	20W	1700	20°	25W	2125	20°
15W	1275	30°	20W	1700	30°	25W	2125	30°
15W	1275	36°	20W	1700	36°	25W	2125	36°
15W	1275	45°	20W	1700	45°	25W	2125	45°



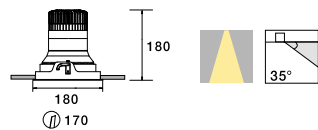
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-5F	15W	20°	TRIAC	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold
	20W	30°	1~10V	3000K		
	25W	36°	DALI	3500K		
	25W	45°	Non dimmable	4000K		

15W	Medium	20°	3000K 20° Ra>90	3000K 20° Ra>90	3000K 20° Ra>90	3000K 20° Ra>90	3000K 20° Ra>90	3000K 20° Ra>90
20W	Wide	36°	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90
	Wide Flood	45°	3000K 45° Ra>90	3000K 45° Ra>90	3000K 45° Ra>90	3000K 45° Ra>90	3000K 45° Ra>90	3000K 45° Ra>90

Narrow trim
6inch Fixed 170



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2550	15°	40W	3400	15°
30W	2550	20°	40W	3400	20°
30W	2550	30°	40W	3400	30°
30W	2550	36°	40W	3400	36°
30W	2550	45°	40W	3400	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-6F	30W	15°	TRIAC	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold
	40W	24°	1~10V	3000K		
		30°	DALI	3500K		
		36°	Non dimmable	4000K		

30W	Narrow	15°	3000K 15° Ra>90	3000K 15° Ra>90	3000K 15° Ra>90	3000K 15° Ra>90	3000K 15° Ra>90	3000K 15° Ra>90
40W	Medium	24°	3000K 24° Ra>90	3000K 24° Ra>90	3000K 24° Ra>90	3000K 24° Ra>90	3000K 24° Ra>90	3000K 24° Ra>90
	Wide	36°	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90	3000K 36° Ra>90

ICL13 Anti-glare Series

Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Adjusting Shaft Design

30°adjustable and 350°rotatable unique light blocking design, reduce lumen losses and waste.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Specular Reflector














Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Cooling System

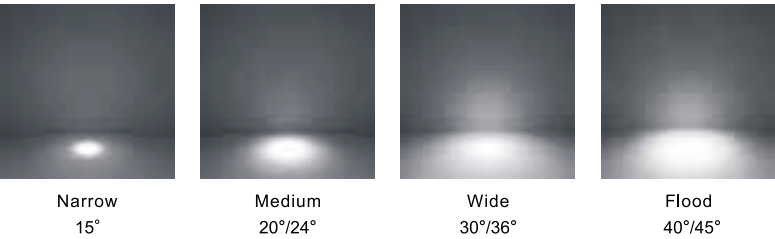
Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Variety of Reflectors

3 types of reflector choices

 High-power LED SDCM<3	 Excellent thermal management	 EMC - optimised
 Different light distributions	 DALI dimming	 Different dimming
 Optischer cut-off 35°	 Tiltable 30°	 Horizontal 350°
 IP level	 Different sizes	 Different color temperatures
 Deep anti-dazzle		

Optics



Narrow trim



Finishes



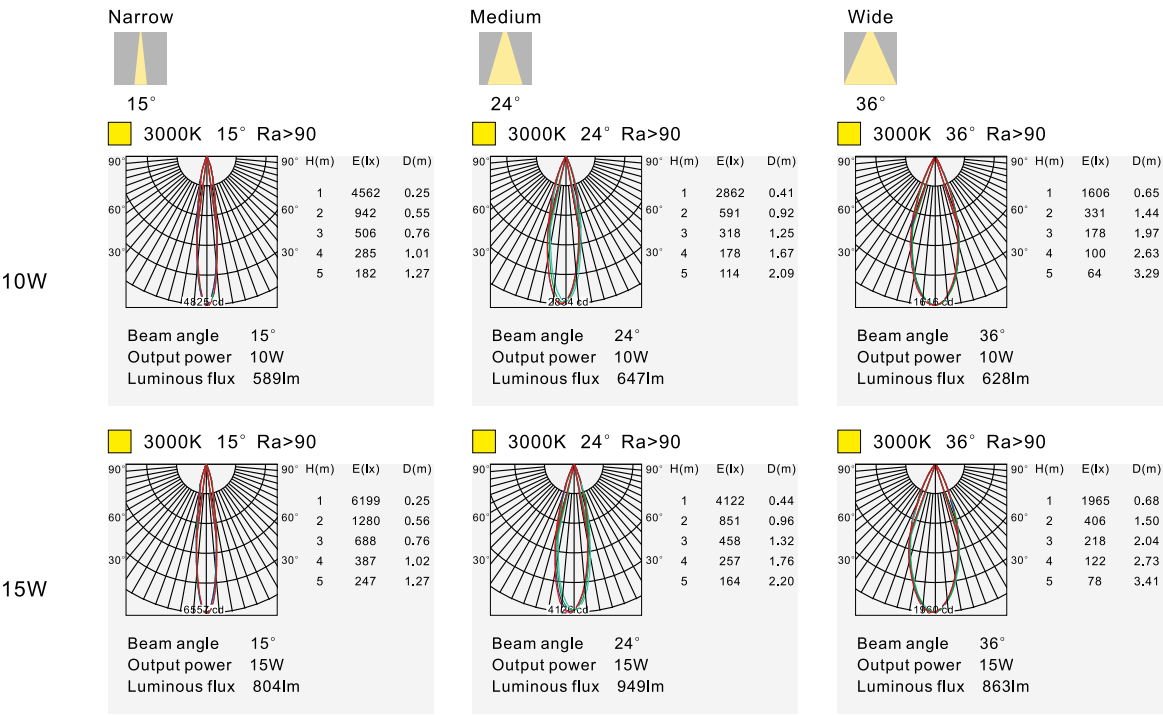
Narrow trim
3inch Adjustable 85



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	650	15°	15W	1050	15°
10W	650	24°	15W	1050	24°
10W	650	36°	15W	1050	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-3T	10W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	10W	24°		3000K		
	15W	36°		3500K		
				4000K		



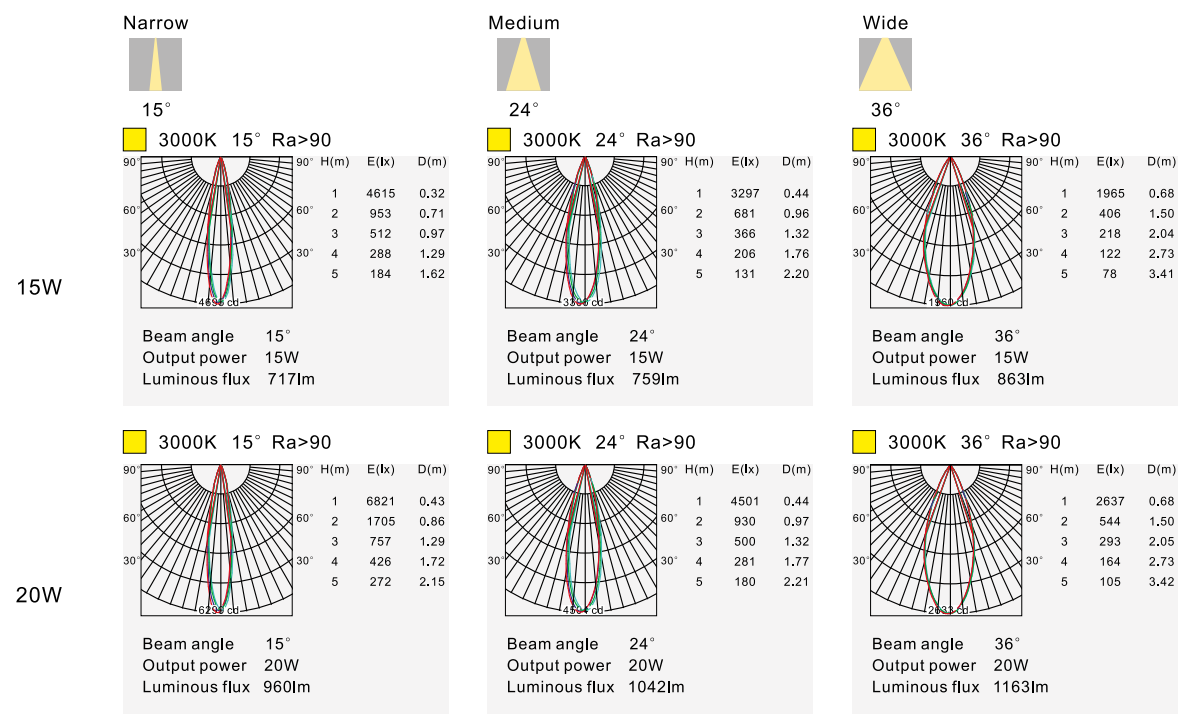
Narrow trim
4inch Adjustable 120



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
15W	1050	15°	20W	1400	15°	25W	1750	15°
15W	1050	24°	20W	1400	24°	25W	1750	24°
15W	1050	36°	20W	1400	36°	25W	1750	36°



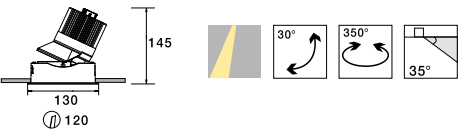
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-4T	15W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	20W	24°		3000K		
	25W	36°		3500K		
				4000K		



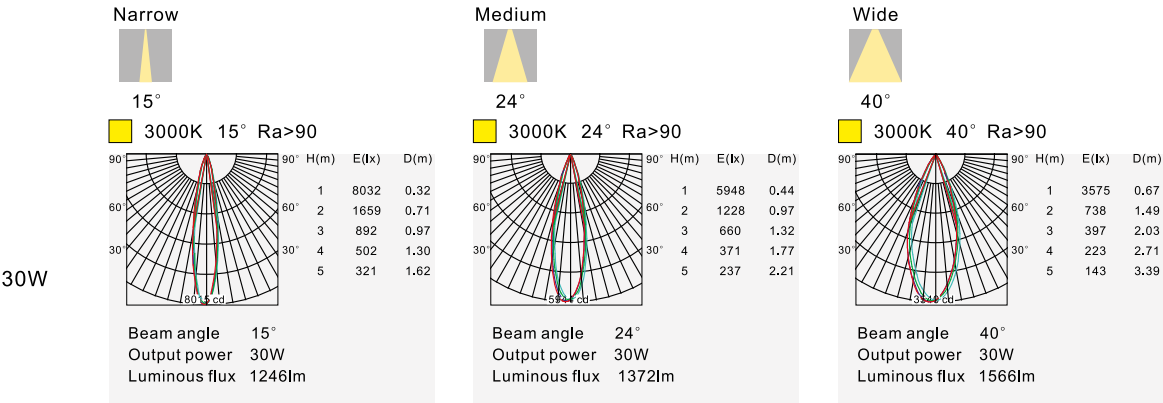
Narrow trim
4inch Adjustable 120



W	LM	Optic
3000K-CRI 90		
30W	1800	15°
30W	1800	24°
30W	1800	40°



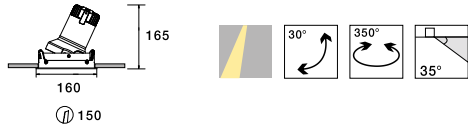
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Reflector
ICL13R-4T	30W	15°	TRIAC	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold
		24°	1~10V	3000K		
		40°	DALI	3500K		
			Non dimmable	4000K		



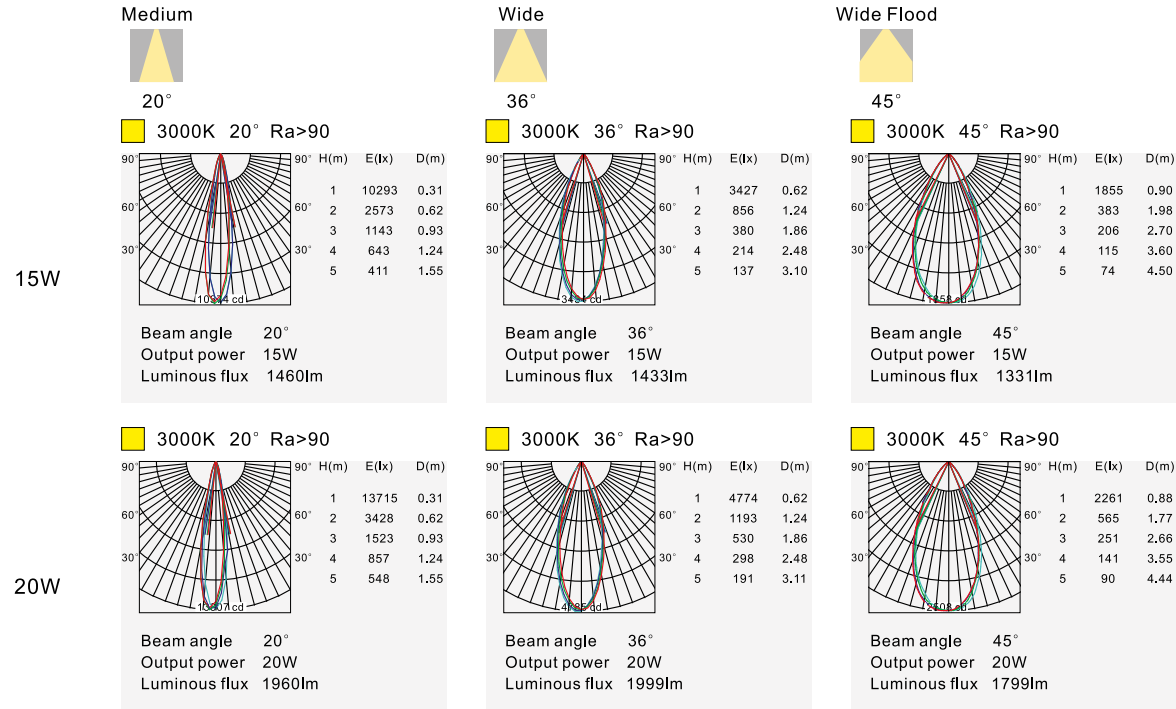
Narrow trim
5inch Adjustable 150



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
15W	1275	20°	20W	1700	20°	25W	2125	20°
15W	1275	30°	20W	1700	30°	25W	2125	30°
15W	1275	36°	20W	1700	36°	25W	2125	36°
15W	1275	45°	20W	1700	45°	25W	2125	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Reflector
ICL13R-5T	15W	20°	TRIAC	2700K	Ra>80	UV processed black cup Highly specular aluminium Gold
	20W	30°	1~10V	3000K		
	25W	36°	DALI	3500K		
		45°	Non dimmable	4000K		

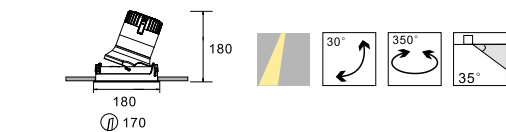


Narrow trim

6inch Adjustable 170



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2550	15°	40W	3400	15°
30W	2550	20°	40W	3400	20°
30W	2550	30°	40W	3400	30°
30W	2550	36°	40W	3400	36°
30W	2550	45°	40W	3400	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-6T	30W 40W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
		24°		3000K		
		30°		3500K		
		36°		4000K		
		45°				

30W	Narrow 15° 3000K 15° Ra>90			Medium 24° 3000K 24° Ra>90			Wide 36° 3000K 36° Ra>90		
	H(m) E(lx) D(m)			H(m) E(lx) D(m)			H(m) E(lx) D(m)		
	1 15643 0,30			1 9325 0,42			1 6136 0,62		
	2 3910 0,60			2 2331 0,84			2 1534 1,24		
	3 1738 0,90			3 1036 1,27			3 681 1,87		
40W	3000K 15° Ra>90			3000K 24° Ra>90			3000K 36° Ra>90		
	H(m) E(lx) D(m)			H(m) E(lx) D(m)			H(m) E(lx) D(m)		
	1 21769 0,29			1 12471 0,42			1 8311 0,61		
	2 5442 0,58			2 3117 0,84			2 2077 1,23		
	3 2418 0,88			3 1385 1,27			3 923 1,84		
	3000K 15° Ra>90			3000K 24° Ra>90			3000K 36° Ra>90		
	H(m) E(lx) D(m)			H(m) E(lx) D(m)			H(m) E(lx) D(m)		
	1 21769 0,29			1 12471 0,42			1 8311 0,61		
	2 5442 0,58			2 3117 0,84			2 2077 1,23		
	3 2418 0,88			3 1385 1,27			3 923 1,84		

	ICL13R-3		ICL13R-4				ICL13R-5			ICL13R-6	
	10W	15W	15W	20W	25W	30W	15W	20W	30W	30W	40W
Optics											
Narrow 15°	•	•	•	•	•	•	•	•	•	•	•
Medium 20°	•	•	•	•	•	•	•	•	•	•	•
Medium 24°	•	•	•	•	•	•	•	•	•	•	•
Wide 30°	•	•	•	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	•	•	•	•	•	•	•
Flood 40°											
Flood 45°											
Colour											
White+Iron gray	•	•	•	•	•	•	•	•	•	•	•
Size											
95mm*125mm	•	•	•	•	•	•	•	•	•	•	•
130mm*165.5mm			•	•	•						
130mm*145mm						•					
160mm*165mm						•	•	•	•	•	•
180mm*180mm										•	•
Cutout											
85mm	•	•	•	•	•	•	•	•	•	•	•
120mm			•	•	•	•	•	•	•	•	•
150mm							•	•	•	•	•
170mm											
Function											
Fixed	•	•	•	•	•	•	•	•	•	•	•
Adjustable	•	•	•	•	•	•	•	•	•	•	•
Flow obviously refers to											
2700K Ra>90	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>80	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•
Dimming Type											
DALI	•	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•	•	•	•
Reflector surface finishes											
UV processed black cup	•	•	•	•	•	•	•	•	•	•	•
Highly specular aluminium	•	•	•	•	•	•	•	•	•	•	•
Gold (customize)	•	•	•	•	•	•	•	•	•	•	•
Reflector surface finishes											
UV processed black cup Highly specular aluminium Gold (customize)											
Notes											
- Different wattages can be provided upon request - Customization for non-standard solutions in terms of light source, color, length and other specifications.											



ICL03/04 Series Downlight

High power COB downlight and high brightness with double reflectors design, shares with you the shining light and gorgeous feeling without glare.



ICL04 Anti-glare Series

Fixed



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Variety of Reflectors

2 types of reflector choices

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

High-power LED
SDCM<3

Different light
distributions

Optischer cut-off 30

Different color
temperatures

Excellent thermal
management

DALI dimming

IP level

Deep anti-dazzle

EMC - optimised

Different dimming

Different sizes

Optics

Narrow
15°

Medium
20°/24°

Wide
30°/36°

Flood
45°

Ø85
8W/15W

Ø120
15W/20W

Ø120
30W

Ø170
30W/40W

Ø195
30W/40W

Finishes

Highly specular aluminium

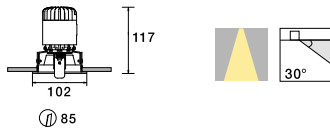
Gold



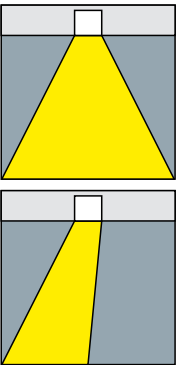
3inch Fixed 85



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
8W	560	15°	15W	1050	15°
8W	560	24°	15W	1050	24°
8W	560	30°	15W	1050	30°

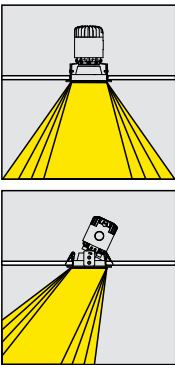
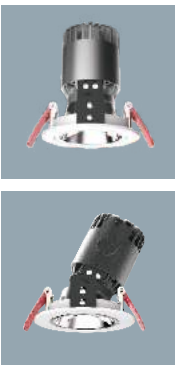


Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL04R-3F	8W	15°	TRIAC	2700K	Ra>80	Highly specular aluminium Gold
	15W	24°	1~10V	3000K		
		30°	DALI	3500K		
			Non dimmable	4000K		
				5000K		



Accentuation
Meet the demand of accent lighting and spatial lighting for the building.

Accentuation
Meet the demand of accent lighting and spatial lighting for the building.

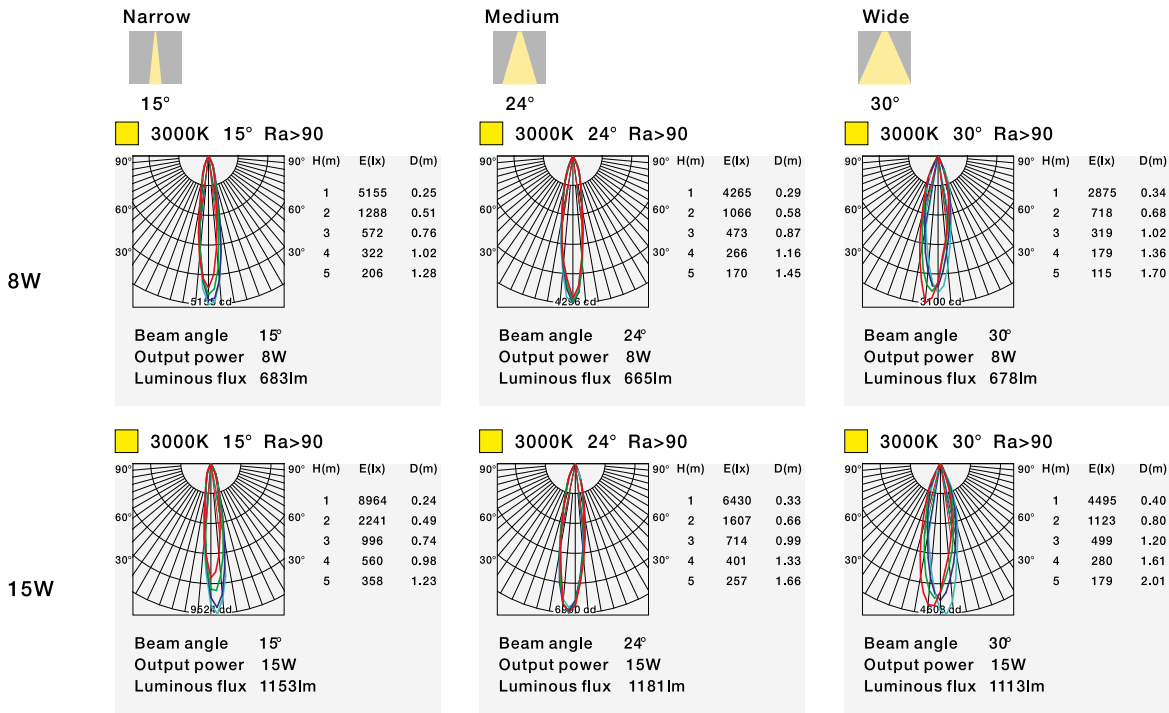


Downlights (Fixed)
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

Downlights (Adjustable)
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

LED
8W-40W
560lm-2800lm

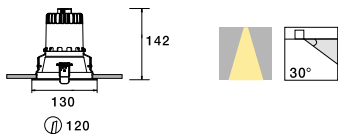
LED
8W-40W
560lm-2800lm



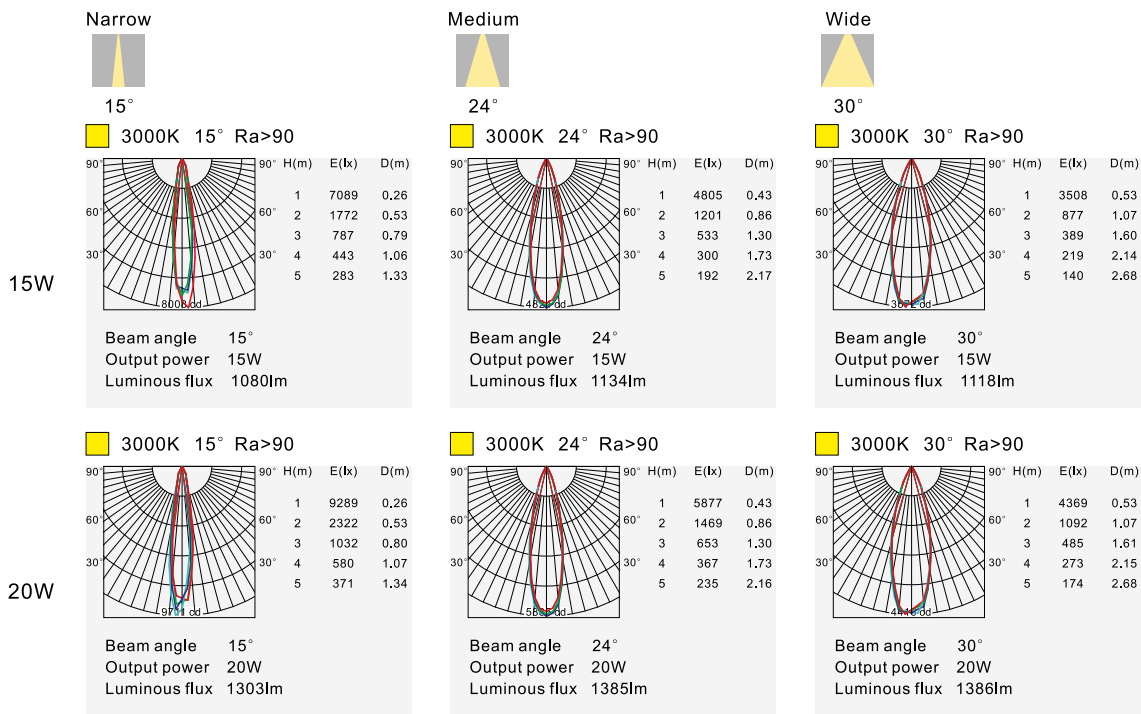
4inch Fixed 120



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
15W	1050	15°	20W	1400	15°
15W	1050	24°	20W	1400	24°
15W	1050	30°	20W	1400	30°



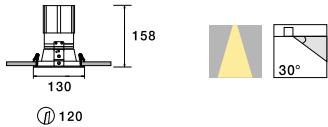
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL04R-4F	15W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	Highly specular aluminium Gold
	20W	24°		3000K		
		30°		3500K		
				4000K		
				5000K		



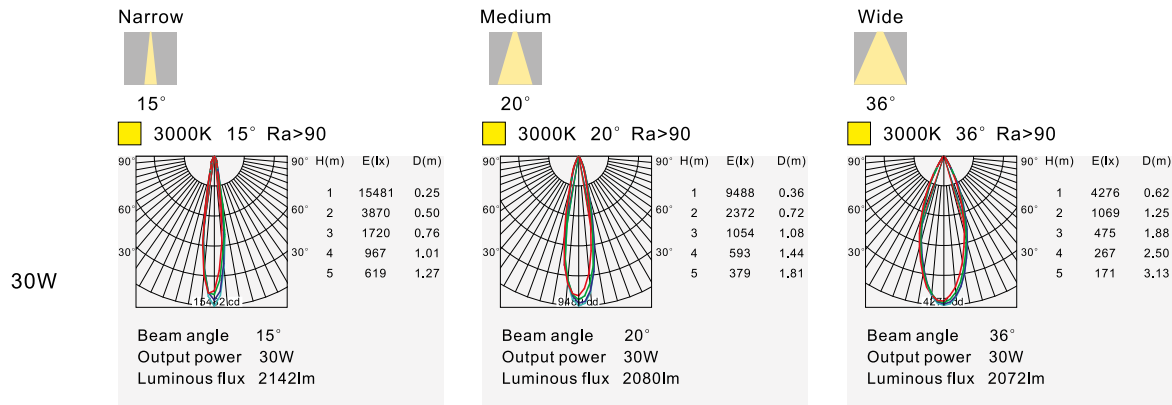
4inch Fixed 120



W	LM	Optic
3000K-CRI 90		
30W	2100	15°
30W	2100	20°
30W	2100	30°
30W	2100	36°
30W	2100	45°



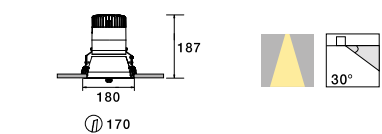
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL04R-4F	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	Highly specular aluminium Gold
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



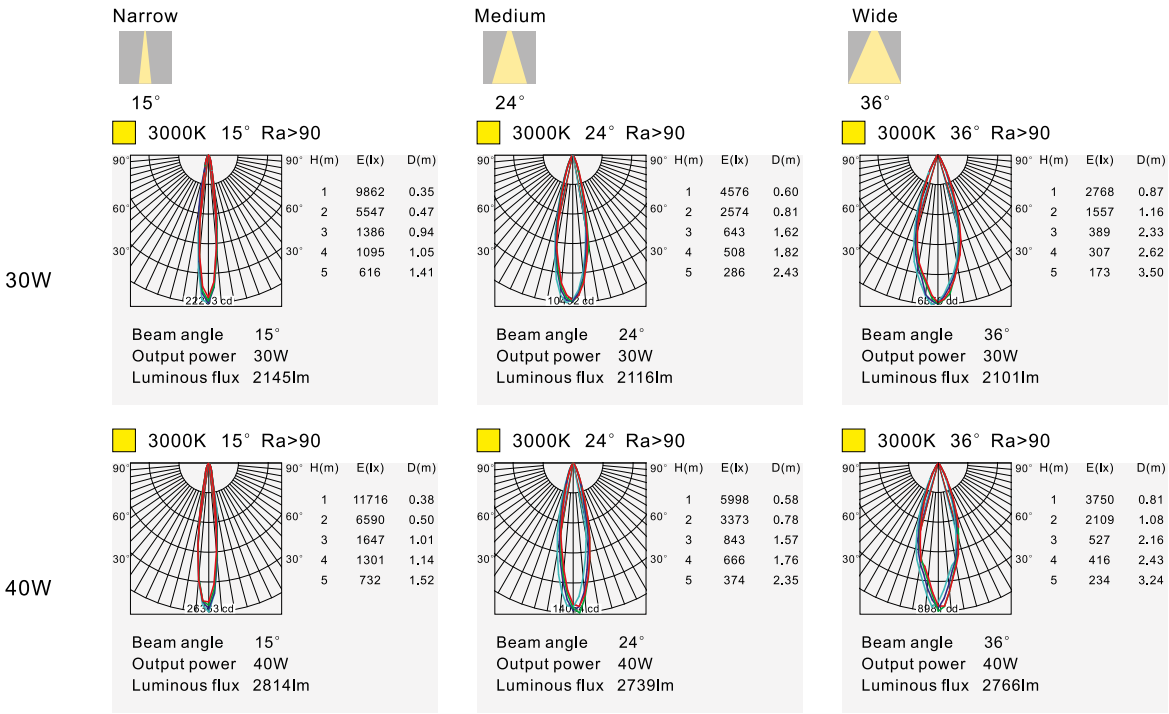
6inch Fixed 170



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2100	15°	40W	2800	15°
30W	2100	24°	40W	2800	24°
30W	2100	30°	40W	2800	30°
30W	2100	36°	40W	2800	36°
30W	2100	45°	40W	2800	45°



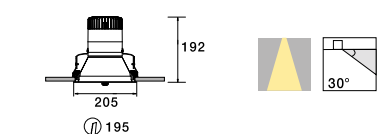
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL04R-6F	30W 40W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold
		24°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



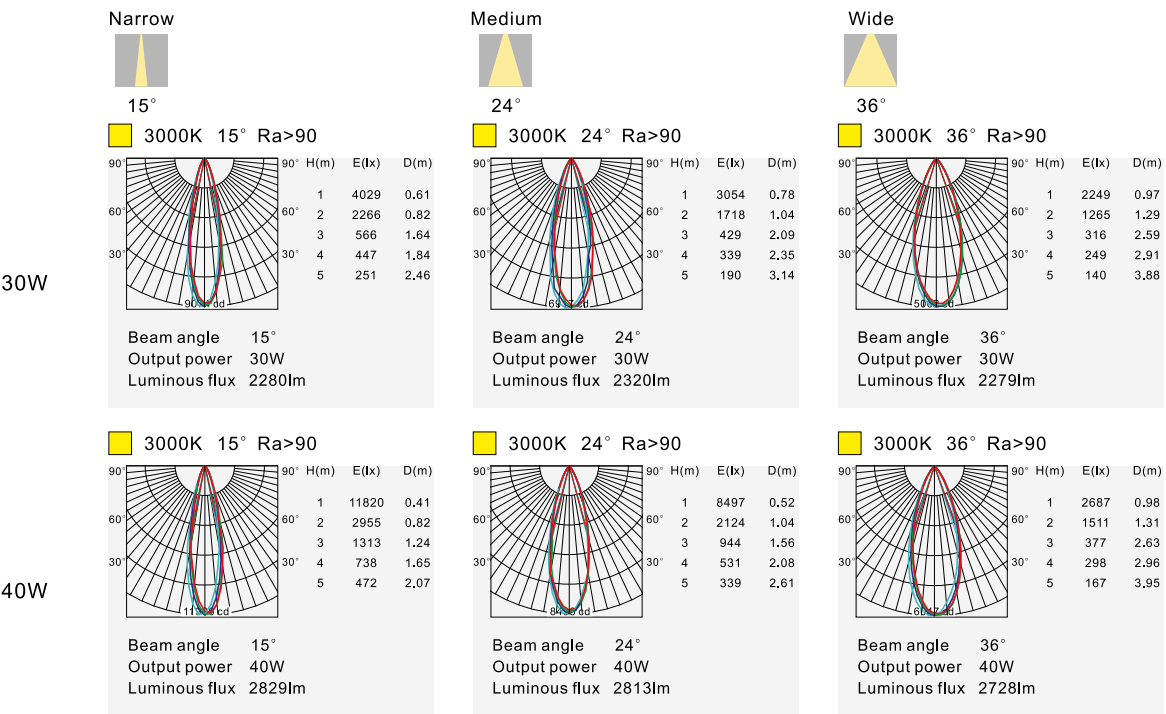
8inch Fixed 195









W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2100	15°	40W	2800	15°
30W	2100	24°	40W	2800	24°
30W	2100	30°	40W	2800	30°
30W	2100	36°	40W	2800	36°
30W	2100	45°	40W	2800	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL04R-8F	30W 40W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold
		24°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



		ICL14R-3		ICL14R-4			ICL14R-6		ICL14R-8	
		8W	15W	15W	20W	30W	30W	40W	30W	40W
Optics										
	Narrow 15°	•	•	•	•	•	•	•	•	•
	Medium 20°					•				•
	Medium 24°	•	•	•	•	•	•	•	•	•
	Wide 30°	•	•	•	•	•	•	•	•	•
	Wide 36°					•	•	•	•	•
	Flood 45°					•	•	•	•	•
Colour										
White+Iron gray		•	•	•	•	•	•	•	•	•
Size										
102mm*117mm		•	•							
130mm*142mm				•	•					
130mm*158mm						•		•		
180mm*187mm							•		•	
205mm*192mm									•	•
Cutout										
85mm		•	•							
120mm				•	•	•		•		
170mm							•			
195mm									•	•
Function										
Fixed		•	•	•	•	•	•	•	•	•
Adjustable										
Flow obviously refers to										
2700K Ra>90		•	•	•	•	•	•	•	•	•
3000K Ra>90		•	•	•	•	•	•	•	•	•
3500K Ra>90		•	•	•	•	•	•	•	•	•
4000K Ra>90		•	•	•	•	•	•	•	•	•
5000K Ra>90		•	•	•	•	•	•	•	•	•
2700K Ra>80		•	•	•	•	•	•	•	•	•
3000K Ra>80		•	•	•	•	•	•	•	•	•
3500K Ra>80		•	•	•	•	•	•	•	•	•
4000K Ra>80		•	•	•	•	•	•	•	•	•
5000K Ra>80		•	•	•	•	•	•	•	•	•
Dimming Type										
DALI		•	•	•	•	•	•	•	•	•
TRIAC		•	•	•	•	•	•	•	•	•
1-10V		•	•	•	•	•	•	•	•	•
Non dimmable		•	•	•	•	•	•	•	•	•
Reflector surface finishes										
Highly specular aluminium		•	•	•	•	•	•	•	•	•
Gold (customize)		•	•	•	•	•	•	•	•	•

Reflector surface finishes



Highly specular aluminium

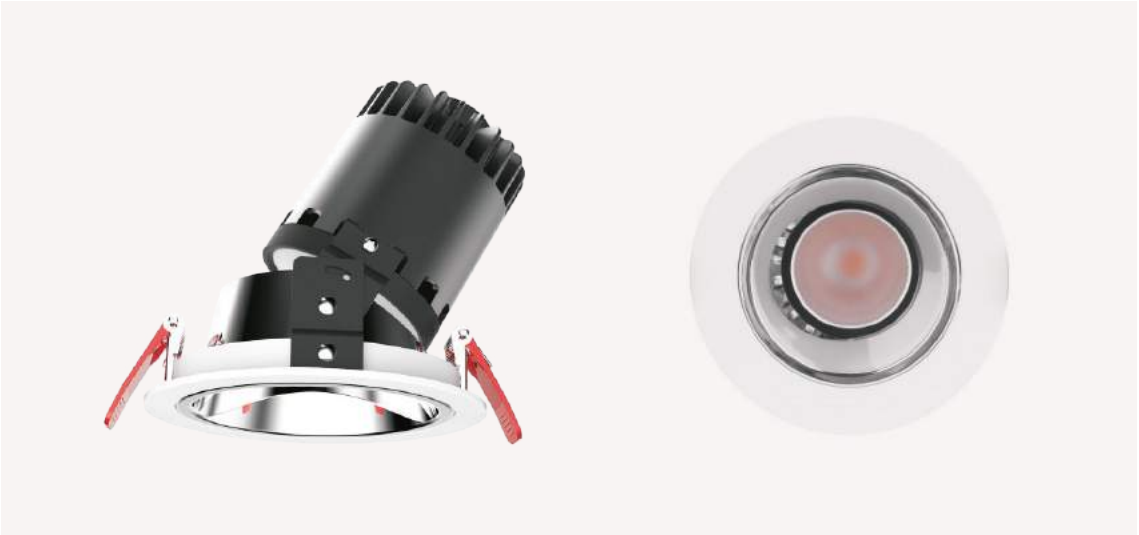


Gold (customize)

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ICL03 Anti-glare Series Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Variety of Reflectors

2 types of reflector choices

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Adjusting Shaft Design

30°adjustable unique light blocking design, reduce lumen losses and waste.

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 30°



Tiltable 30°



IP level



Different sizes

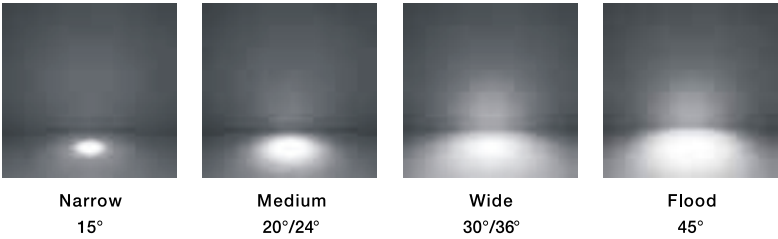


Different color
temperatures



Deep anti-dazzle

Optics



Finishes



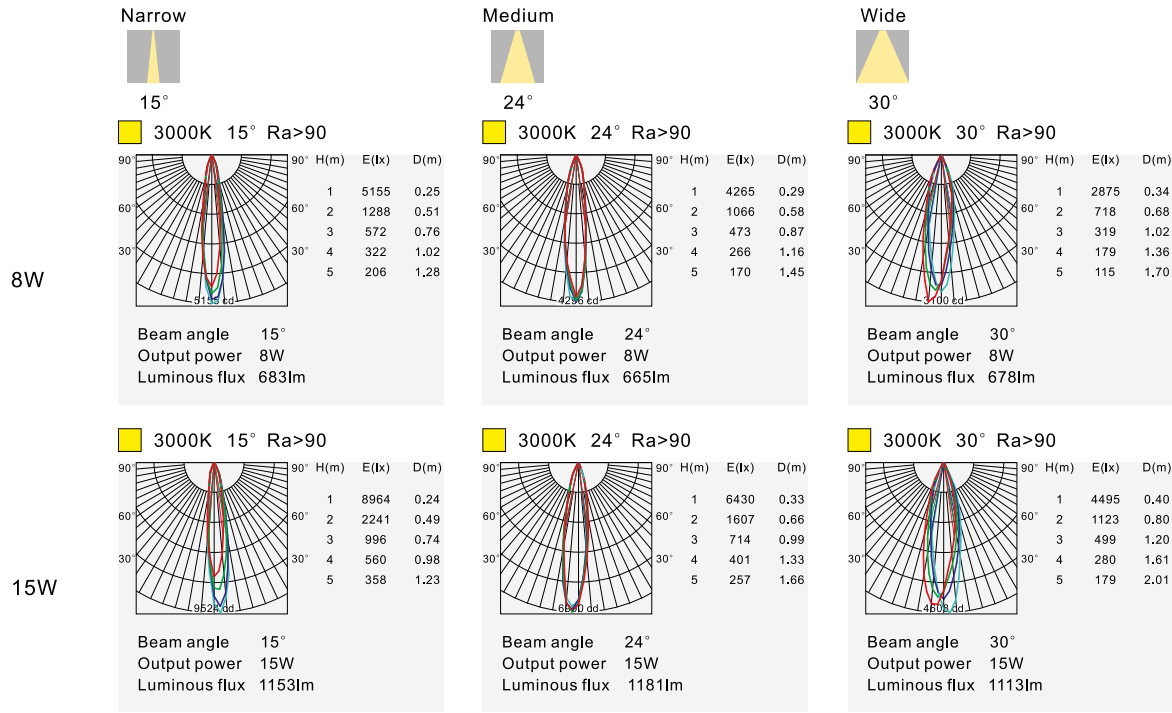
3inch Adjustable 85



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
8W	560	15°	15W	1050	15°
8W	560	24°	15W	1050	24°
8W	560	30°	15W	1050	30°



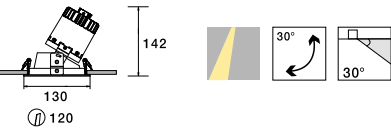
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL03R-3T	8W 15W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold
		24°		3000K		
		30°		3500K		
				4000K		
				5000K		



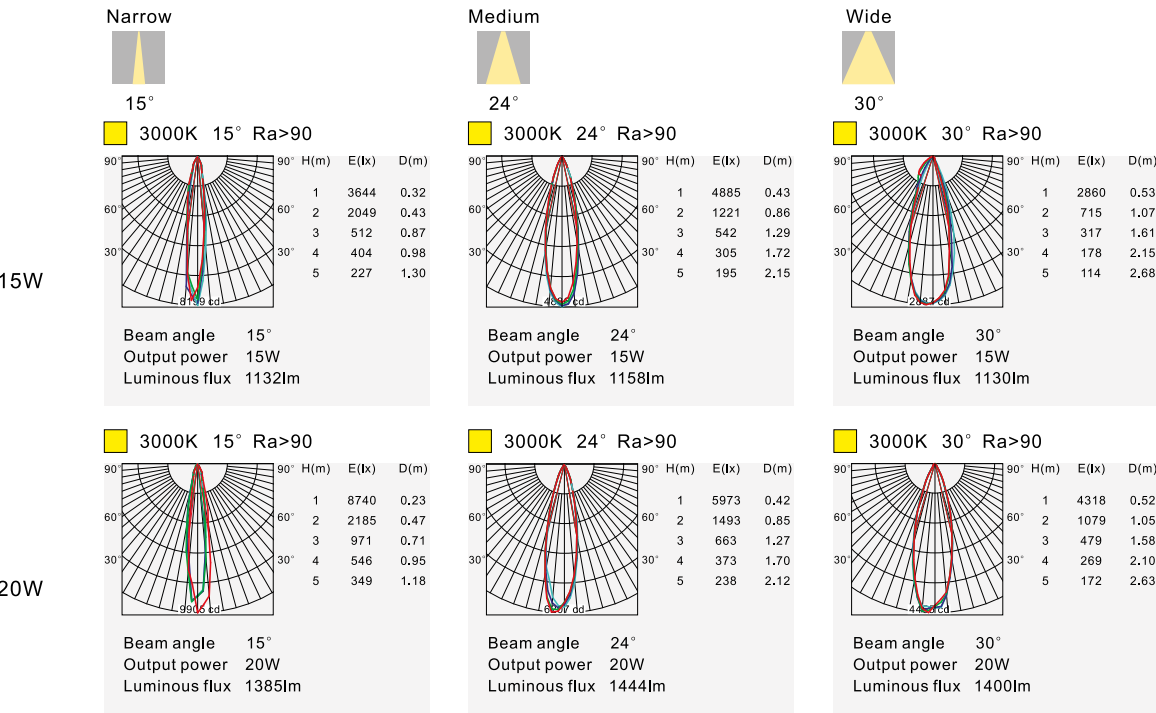
4inch Adjustable 120



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	1050	15°	20W	1400	15°
15W	1050	24°	20W	1400	24°
15W	1050	30°	20W	1400	30°



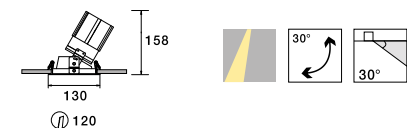
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL03R-4T	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold
		24°		3000K		
		30°		3500K		
				4000K		
				5000K		



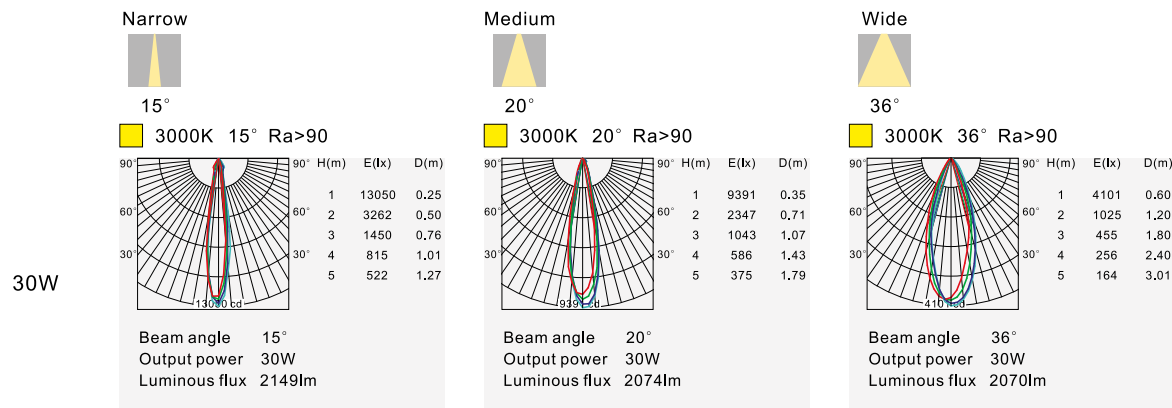
4inch Adjustable 120



W	LM	Optic
3000K-CRI 90		
30W	2100	15°
30W	2100	20°
30W	2100	30°
30W	2100	36°
30W	2100	45°



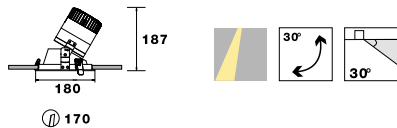
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL03R-4T	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		




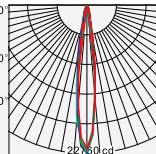
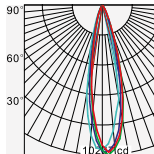
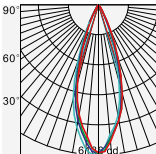
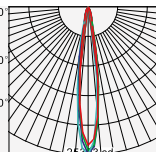
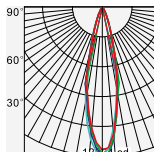
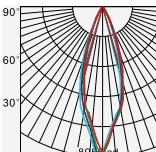


6inch Adjustable 170



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2100	15°	40W	2800	15°
30W	2100	24°	40W	2800	24°
30W	2100	30°	40W	2800	30°
30W	2100	36°	40W	2800	36°
30W	2100	45°	40W	2800	45°

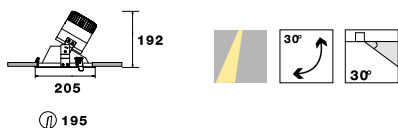





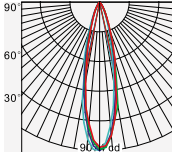
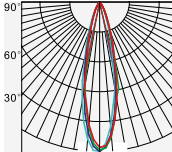
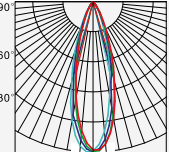
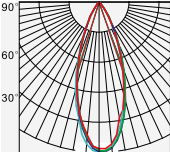
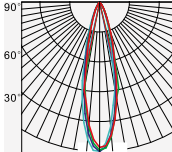
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector																																																																								
ICL03R-6T	30W 40W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold																																																																								
		24°		3000K																																																																										
		30°		3500K																																																																										
		36°		4000K																																																																										
		45°		5000K																																																																										
Narrow		Medium		Wide																																																																										
																																																																														
15°		24°		36°																																																																										
30W	3000K 15° Ra>90		3000K 24° Ra>90		3000K 36° Ra>90																																																																									
																																																																														
	<table><tr><th></th><th>H(m)</th><th>E(lx)</th><th>D(m)</th></tr><tr><td>90°</td><td>1</td><td>10092</td><td>0.35</td></tr><tr><td>60°</td><td>2</td><td>5676</td><td>0.47</td></tr><tr><td>30°</td><td>3</td><td>1419</td><td>0.94</td></tr><tr><td></td><td>4</td><td>1121</td><td>1.05</td></tr><tr><td></td><td>5</td><td>630</td><td>1.41</td></tr></table>			H(m)	E(lx)	D(m)	90°	1	10092	0.35	60°	2	5676	0.47	30°	3	1419	0.94		4	1121	1.05		5	630	1.41	<table><tr><th></th><th>H(m)</th><th>E(lx)</th><th>D(m)</th></tr><tr><td>90°</td><td>1</td><td>4406</td><td>0.60</td></tr><tr><td>60°</td><td>2</td><td>2478</td><td>0.81</td></tr><tr><td>30°</td><td>3</td><td>619</td><td>1.62</td></tr><tr><td></td><td>4</td><td>489</td><td>1.82</td></tr><tr><td></td><td>5</td><td>275</td><td>2.43</td></tr></table>			H(m)	E(lx)	D(m)	90°	1	4406	0.60	60°	2	2478	0.81	30°	3	619	1.62		4	489	1.82		5	275	2.43	<table><tr><th></th><th>H(m)</th><th>E(lx)</th><th>D(m)</th></tr><tr><td>90°</td><td>1</td><td>2663</td><td>0.81</td></tr><tr><td>60°</td><td>2</td><td>1498</td><td>1.22</td></tr><tr><td>30°</td><td>3</td><td>374</td><td>2.43</td></tr><tr><td></td><td>4</td><td>295</td><td>2.84</td></tr><tr><td></td><td>5</td><td>166</td><td>3.65</td></tr></table>			H(m)	E(lx)	D(m)	90°	1	2663	0.81	60°	2	1498	1.22	30°	3	374	2.43		4	295	2.84		5	166	3.65
		H(m)	E(lx)	D(m)																																																																										
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Beam angle 15° Output power 30W Luminous flux 2186lm		Beam angle 24° Output power 30W Luminous flux 2068lm		Beam angle 36° Output power 30W Luminous flux 2101lm																																																																										
40W	3000K 15° Ra>90		3000K 24° Ra>90		3000K 36° Ra>90																																																																									
																																																																														
	<table><tr><th></th><th>H(m)</th><th>E(lx)</th><th>D(m)</th></tr><tr><td>90°</td><td>1</td><td>11285</td><td>0.37</td></tr><tr><td>60°</td><td>2</td><td>6348</td><td>0.50</td></tr><tr><td>30°</td><td>3</td><td>1587</td><td>1.00</td></tr><tr><td></td><td>4</td><td>1253</td><td>1.13</td></tr><tr><td></td><td>5</td><td>705</td><td>1.51</td></tr></table>			H(m)	E(lx)	D(m)	90°	1	11285	0.37	60°	2	6348	0.50	30°	3	1587	1.00		4	1253	1.13		5	705	1.51	<table><tr><th></th><th>H(m)</th><th>E(lx)</th><th>D(m)</th></tr><tr><td>90°</td><td>1</td><td>5702</td><td>0.63</td></tr><tr><td>60°</td><td>2</td><td>3207</td><td>0.84</td></tr><tr><td>30°</td><td>3</td><td>801</td><td>1.68</td></tr><tr><td></td><td>4</td><td>633</td><td>1.90</td></tr><tr><td></td><td>5</td><td>356</td><td>2.53</td></tr></table>			H(m)	E(lx)	D(m)	90°	1	5702	0.63	60°	2	3207	0.84	30°	3	801	1.68		4	633	1.90		5	356	2.53	<table><tr><th></th><th>H(m)</th><th>E(lx)</th><th>D(m)</th></tr><tr><td>90°</td><td>1</td><td>3864</td><td>0.81</td></tr><tr><td>60°</td><td>2</td><td>2173</td><td>1.22</td></tr><tr><td>30°</td><td>3</td><td>543</td><td>2.43</td></tr><tr><td></td><td>4</td><td>429</td><td>2.84</td></tr><tr><td></td><td>5</td><td>241</td><td>3.65</td></tr></table>			H(m)	E(lx)	D(m)	90°	1	3864	0.81	60°	2	2173	1.22	30°	3	543	2.43		4	429	2.84		5	241	3.65
		H(m)	E(lx)	D(m)																																																																										
	90°	1	11285	0.37																																																																										
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	5	241	3.65																																																																											
Beam angle 15° Output power 40W Luminous flux 2772lm		Beam angle 24° Output power 40W Luminous flux 2741lm		Beam angle 36° Output power 40W Luminous flux 2787lm																																																																										







8inch Adjustable 195



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2100	15°	40W	2800	15°
30W	2100	24°	40W	2800	24°
30W	2100	30°	40W	2800	30°
30W	2100	36°	40W	2800	36°
30W	2100	45°	40W	2800	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector							
ICL03R-8T	30W 40W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Highly specular aluminium Gold							
		24°		3000K									
		30°		3500K									
		36°		4000K									
		45°		5000K									
30W	Narrow		Medium		Wide								
		15°		24°		36°							
		3000K 15° Ra>90				3000K 24° Ra>90	3000K 36° Ra>90						
		90°	H(m)	E(lx)	D(m)	90°	H(m)	E(lx)	D(m)	90°	H(m)	E(lx)	D(m)
		60°	1	4029	0.61	60°	1	3054	0.78	60°	1	2249	0.97
		30°	2	2266	0.82	30°	2	1718	1.04	30°	2	1265	1.29
			3	566	1.64		3	429	2.09		3	316	2.59
			4	447	1.84		4	339	2.35		4	249	2.91
		5	251	2.46		5	190	3.14		5	140	3.88	
Beam angle 15° Output power 30W Luminous flux 2280lm			Beam angle 24° Output power 30W Luminous flux 2320lm			Beam angle 36° Output power 30W Luminous flux 2279lm							
40W	Narrow		Medium		Wide								
		15°		24°		36°							
		3000K 15° Ra>90				3000K 24° Ra>90	3000K 36° Ra>90						
		90°	H(m)	E(lx)	D(m)	90°	H(m)	E(lx)	D(m)	90°	H(m)	E(lx)	D(m)
		60°	1	4979	0.64	60°	1	3606	0.78	60°	1	2687	0.97
		30°	2	2801	0.85	30°	2	2028	1.04	30°	2	1511	1.29
			3	700	1.71		3	507	2.08		3	377	2.58
			4	553	1.93		4	400	2.34		4	298	2.91
		5	311	2.57		5	225	3.12		5	167	3.88	
Beam angle 15° Output power 40W Luminous flux 2808lm			Beam angle 24° Output power 40W Luminous flux 2740lm			Beam angle 36° Output power 40W Luminous flux 2724lm							

	ICL03R-3		ICL03R-4			ICL03R-6		ICL03R-8	
	8W	15W	15W	20W	30W	30W	40W	30W	40W
Optics									
 Narrow 15°	•	•	•	•	•	•	•	•	•
 Medium 20°					•				
 Medium 24°	•	•	•	•	•	•	•	•	•
 Wide 30°	•	•	•	•	•	•	•	•	•
 Wide 36°					•	•	•	•	•
 Flood 45°					•	•	•	•	•
Colour									
White+Iron gray	•	•	•	•	•	•	•	•	•
Size									
102mm*117mm	•	•							
130mm*142mm			•	•	•				
130mm*158mm					•				
180mm*187mm						•	•	•	•
205mm*192mm								•	•
Cutout									
85mm	•	•	•	•	•		•		•
120mm			•	•	•		•		•
170mm						•	•	•	•
195mm									
Function									
Fixed									
Adjustable	•	•	•	•	•	•	•	•	•
Flow obviously refers to									
2700K Ra>90	•	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•
5000K Ra>90	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•
3500K Ra>80	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•	•
Dimming Type									
DALI	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•	•
Reflector surface finishes									
Highly specular aluminium	•	•	•	•	•	•	•	•	•
Gold (customize)	•	•	•	•	•	•	•	•	•

Reflector surface finishes



Highly specular aluminium



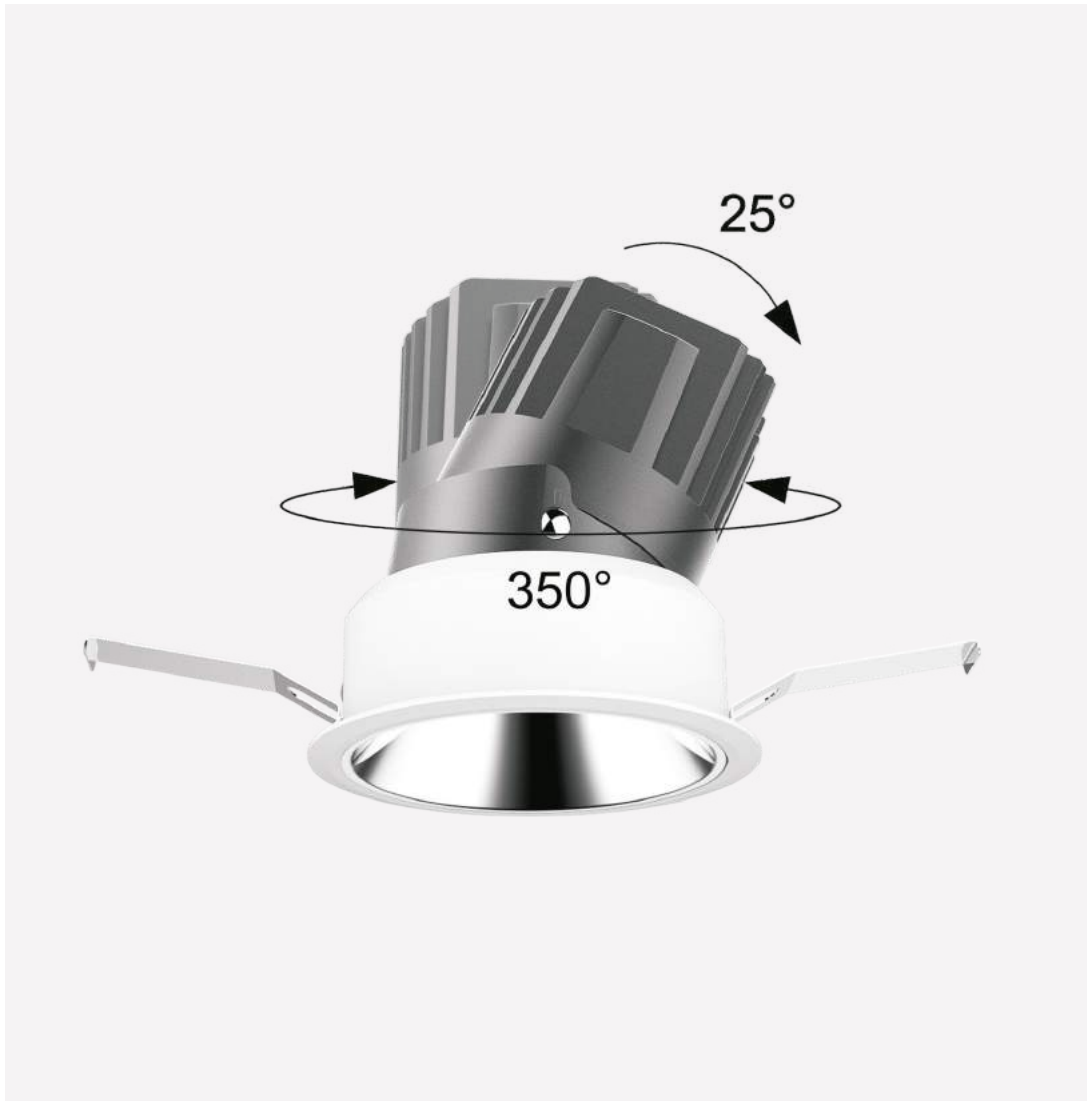
Gold (customize)

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ICL38 Series Downlight

ICL38 series LED ceiling spotlight, as a high quality fixture, is specially designed for luxury hotels and villas. Lamp body can be universally adjustable,vertical irradiation and wall washer. It can meet different lighting performance of hotel room, corridor, meeting room, hall and resting area ect.



ICL38 Anti-glare Series

Fixed



1. High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K/5000K ,Ra>90

2. Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

3. Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

4. Variety of Reflectors

4 types of reflector choices

5. Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 35



IP level



Deep anti-dazzle

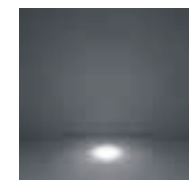


Different color
temperatures

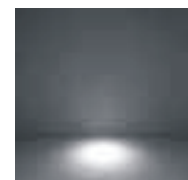


Different sizes

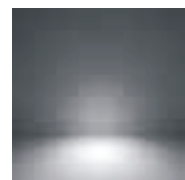
Optics



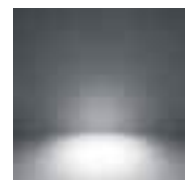
Narrow
11°/15°



Medium
18°/24°



Wide
36°



Flood
50°

Narrow trim

Trimless



Accessories





Narrow trim 3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	400	11°	8W	500	11°
5W	400	15°	8W	500	15°
5W	400	18°	8W	500	18°
5W	400	24°	8W	500	24°
5W	400	36°	8W	500	36°
5W	400	50°	8W	500	50°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-1D-3F-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°					
		18°					
		24°					
		36°					
		50°					

Narrow

15°

3000K 15° Ra>90

Beam angle 15°
Output power 5W
Luminous flux 300lm

Medium

24°

3000K 24° Ra>90

Beam angle 24°
Output power 5W
Luminous flux 380lm

Wide

36°

3000K 36° Ra>90

Beam angle 36°
Output power 5W
Luminous flux 355lm

3000K 15° Ra>90

Beam angle 15°
Output power 8W
Luminous flux 373lm

3000K 24° Ra>90

Beam angle 24°
Output power 8W
Luminous flux 472lm

3000K 36° Ra>90

Beam angle 36°
Output power 8W
Luminous flux 449lm

Narrow trim

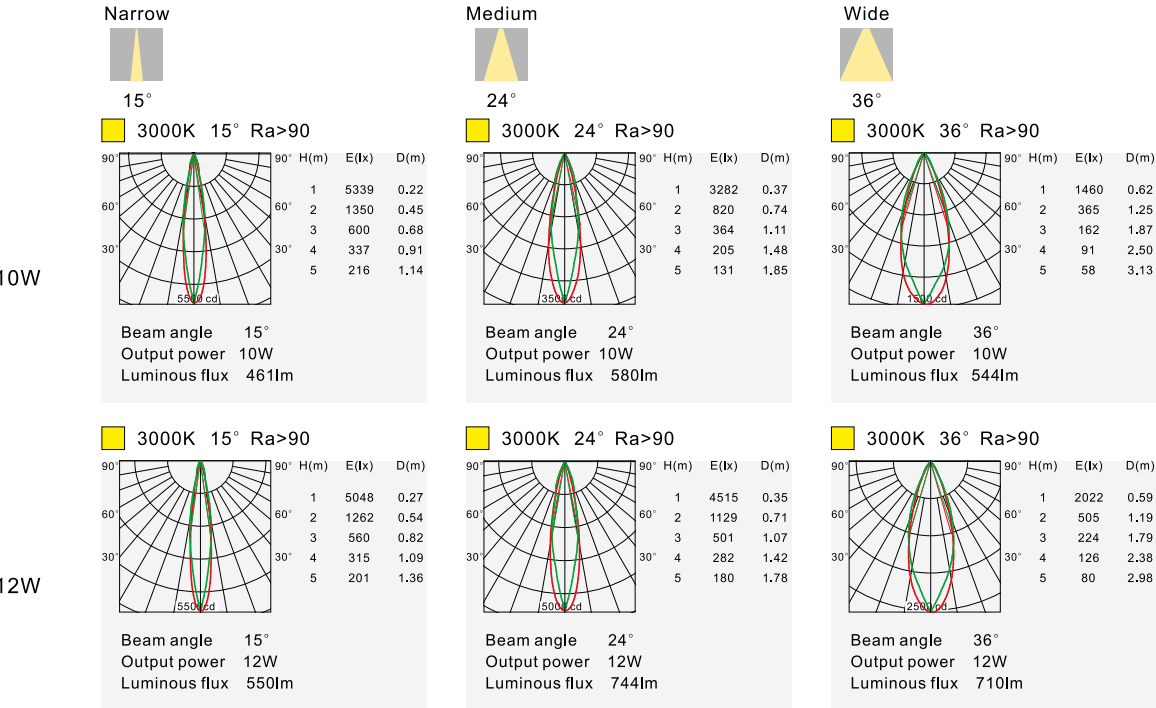
3inch Fixed 75



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
10W	600	11°	12W	800	15°	15W	880	18°
10W	600	15°	12W	800	18°	15W	880	24°
10W	600	18°	12W	800	24°	15W	880	36°
10W	600	24°	12W	800	36°	15W	880	50°
10W	600	36°	12W	800	50°			
10W	600	50°						



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-1D-3F-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°					
		18°					
		24°					
		36°					
	15W	50°					

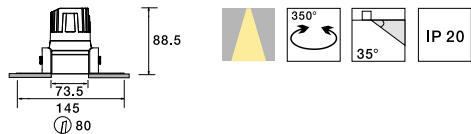


Trimless

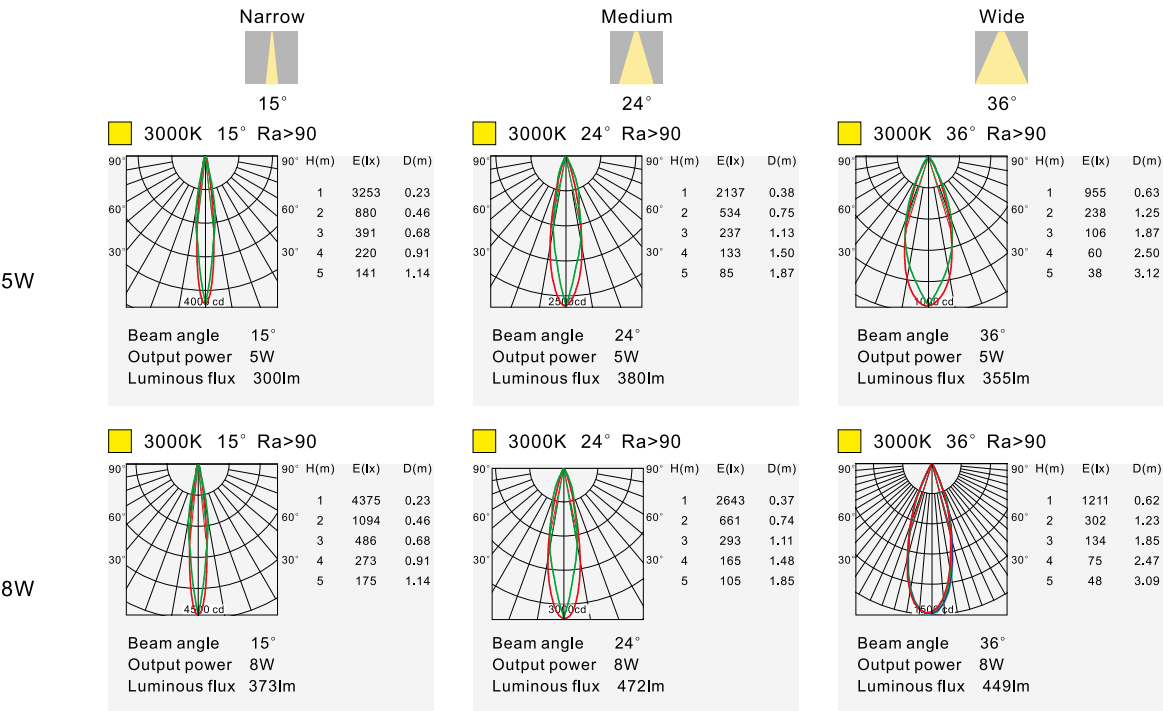
3inch Fixed 80



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	400	11°	8W	500	11°
5W	400	15°	8W	500	15°
5W	400	18°	8W	500	18°
5W	400	24°	8W	500	24°
5W	400	36°	8W	500	36°
5W	400	50°	8W	500	50°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-3D-3F-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°					
		18°					
		24°					
		36°					
	8W	50°					



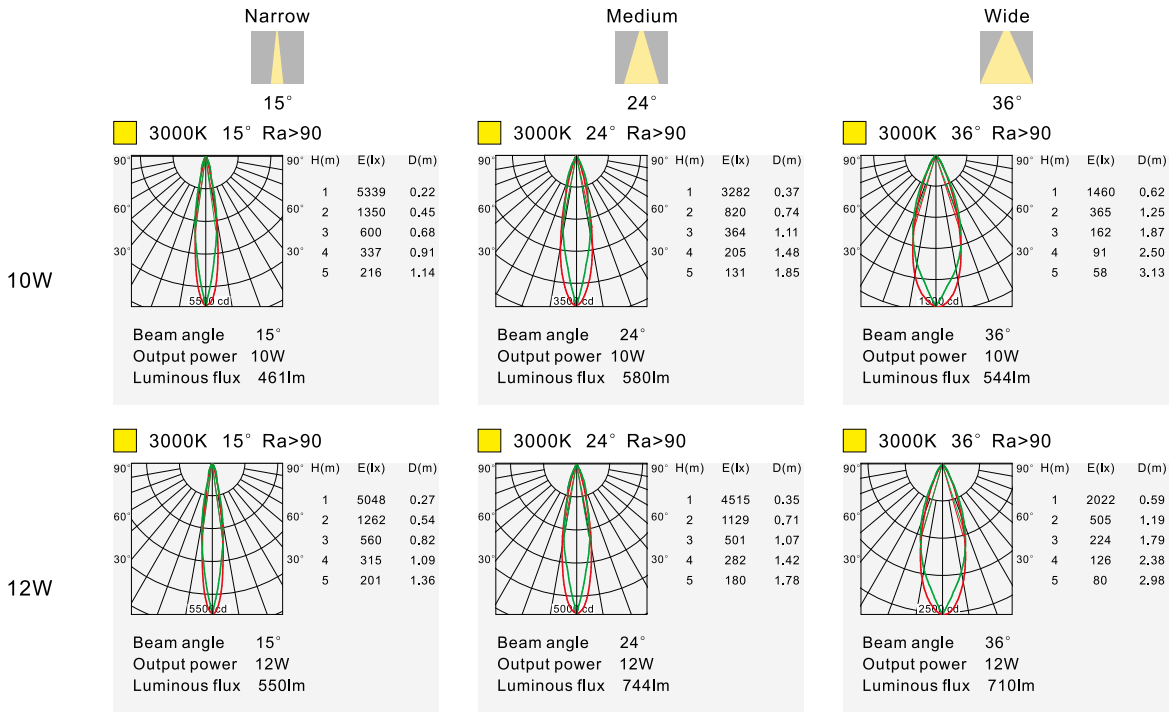
Trimless
3inch Fixed 80



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
10W	600	11°	12W	800	15°	15W	880	18°
10W	600	15°	12W	800	18°	15W	880	24°
10W	600	18°	12W	800	24°	15W	880	36°
10W	600	24°	12W	800	36°	15W	880	50°
10W	600	36°	12W	800	50°			
10W	600	50°						



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-3D-3F-H	10W 12W 15W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°					
		18°					
		24°					
		36°					
		50°					



ICL38 Anti-glare Series

Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Adjusting Shaft Design

25°adjustable and 360°rotatable unique light blocking design, reduce lumen losses and waste.

Shading Anti-dazzle

Use special designed reflector and reflection technology, to prevent reflector secondary reflection and cause glare, getting accurate light distribution and realizing seeing the light beam without seeing the light source.

Specular Reflector

Use imported specular aluminium of vacuum electroplating,improving reflection efficiency 15% to achieve high efficient energy saving.

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Variety of Reflectors

4 types of reflector choices



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 35



Tilttable 25°



Horizontal350°



IP level



Different color
temperatures



Deep anti-dazzle

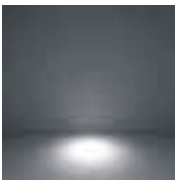


Different sizes

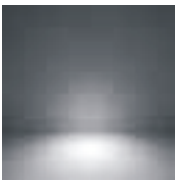
Optics



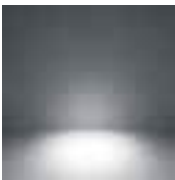
Narrow
11°/15°



Medium
18°/24°



Wide
36°



Flood
50°

Narrow trim

Trimless



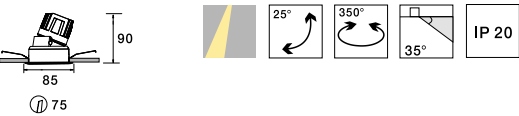
Accessories



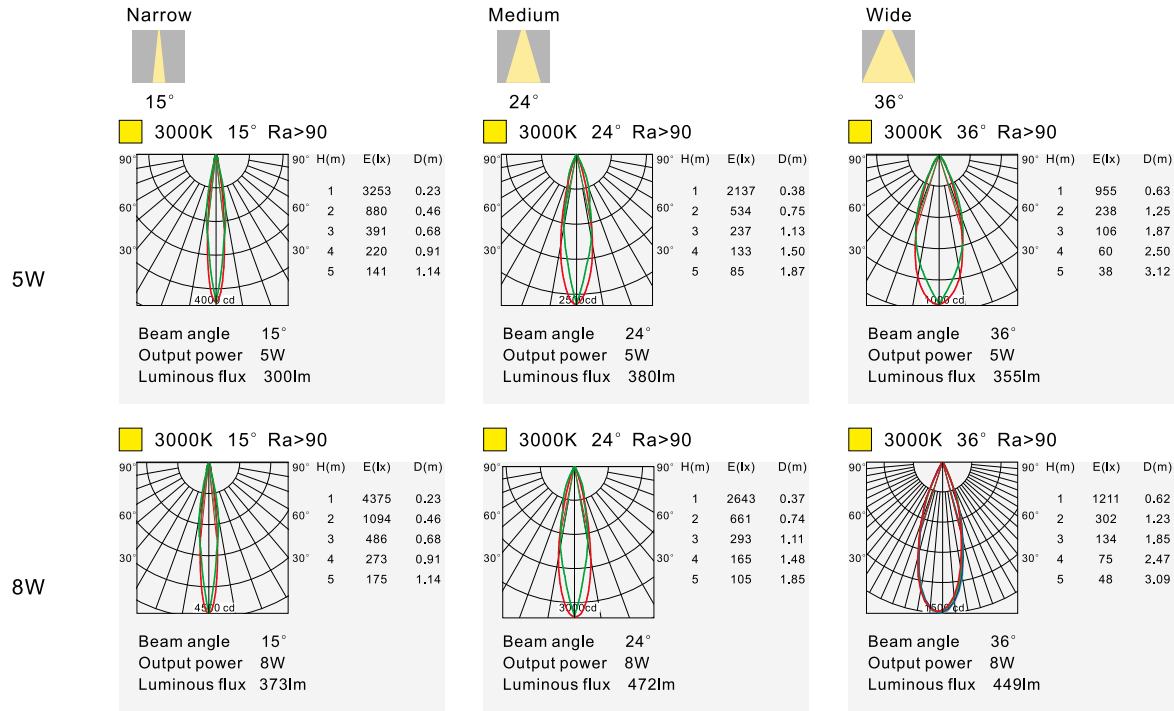
Narrow trim
3inch Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	400	11°	8W	500	11°
5W	400	15°	8W	500	15°
5W	400	18°	8W	500	18°
5W	400	24°	8W	500	24°
5W	400	36°	8W	500	36°
5W	400	50°	8W	500	50°



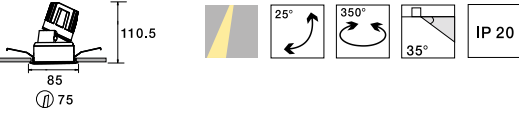
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-1W-3T-S	5W 8W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°		3000K			
		18°		4000K			
		24°		5000K			
		36°					
		50°					



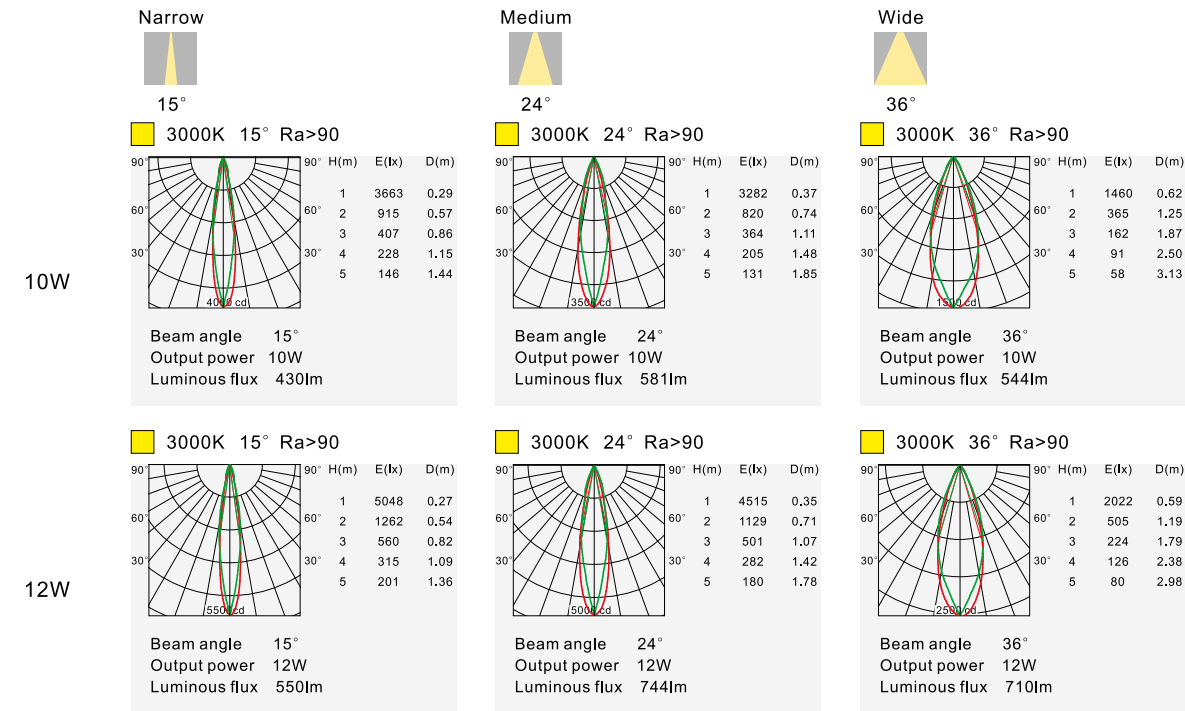
Narrow trim
3inch Adjustable 75



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
10W	600	11°	12W	800	15°	15W	880	18°
10W	600	15°	12W	800	18°	15W	880	24°
10W	600	18°	12W	800	24°	15W	880	36°
10W	600	24°	12W	800	36°	15W	880	50°
10W	600	36°	12W	800	50°			
10W	600	50°						



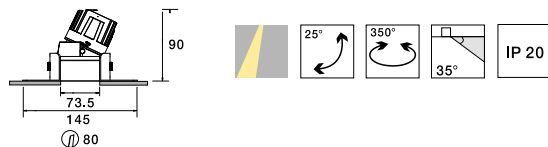
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-1W-3T-H	10W 12W 15W	11°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°		3000K			
		18°		4000K			
		24°		5000K			
		36°					
		50°					



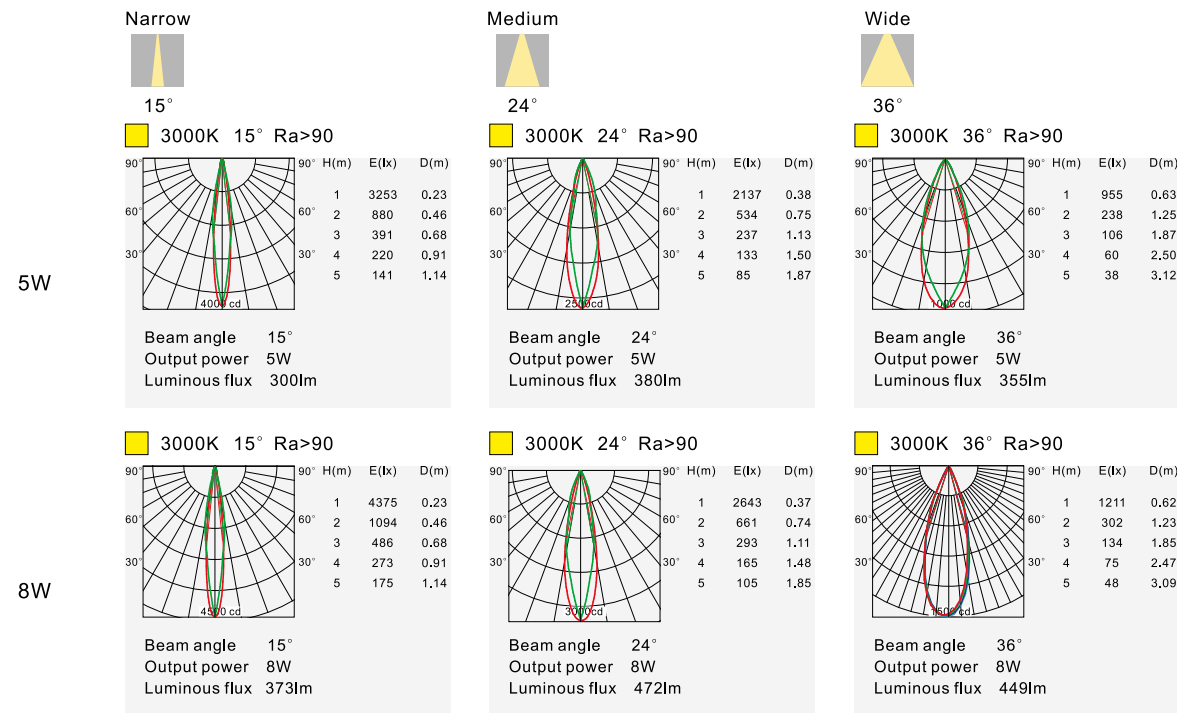
Trimless
3inch Adjustable 80



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
5W	400	11°	8W	500	11°
5W	400	15°	8W	500	15°
5W	400	18°	8W	500	18°
5W	400	24°	8W	500	24°
5W	400	36°	8W	500	36°
5W	400	50°	8W	500	50°



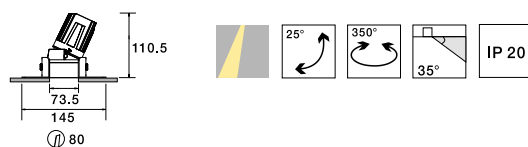
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-3W-3T-S	5W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°					
		18°					
		24°					
		36°					
		50°					



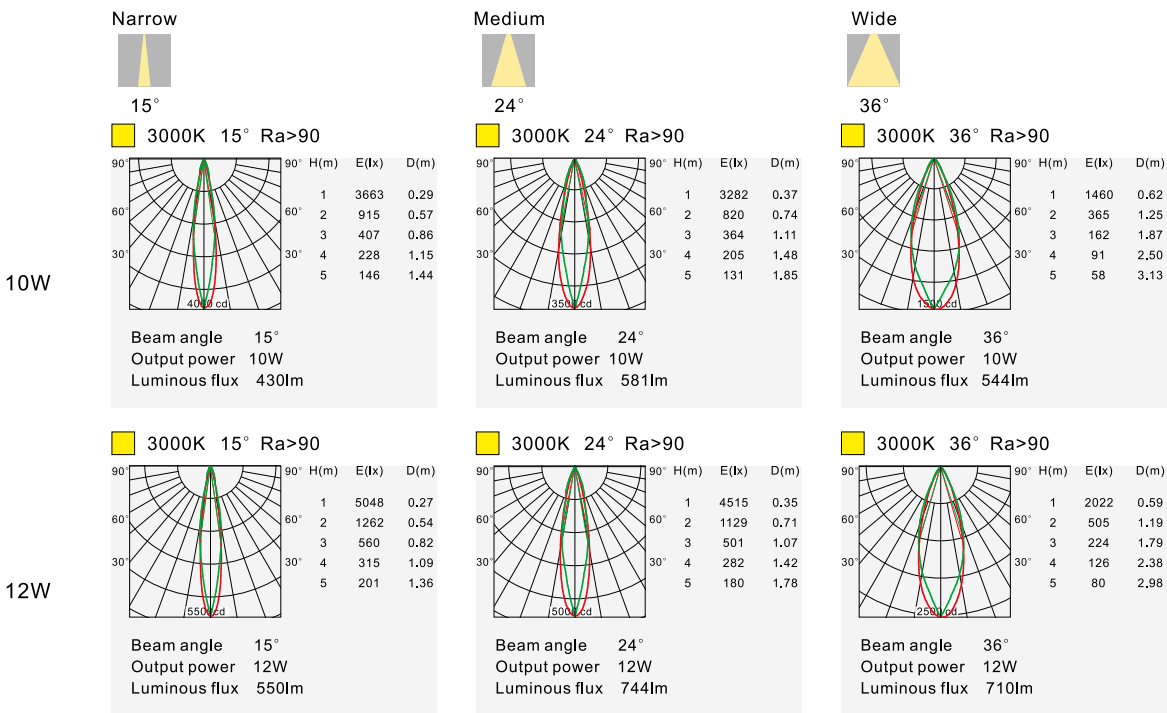
Trimless
3inch Adjustable 80









W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
10W	600	11°	12W	800	15°	15W	880	18°
10W	600	15°	12W	800	18°	15W	880	24°
10W	600	18°	12W	800	24°	15W	880	36°
10W	600	24°	12W	800	36°	15W	880	50°
10W	600	36°	12W	800	50°			
10W	600	50°						



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-3W-3T-H	10W	11°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
		15°					
		18°					
		24°					
		36°					
		50°					



	ICL38L-1-3-S		ICL38L-1-3-H			ICL38L-3-3-S		ICL38L-3-3-H		
	5W	8W	12W	10W	15W	5W	8W	12W	10W	15W
Optics										
 Narrow 11°	•	•	•			•	•	•		
 Medium 15°	•	•	•			•	•	•	•	
 Medium 18°	•	•	•	•	•	•	•	•	•	•
 Medium 24°	•	•	•	•	•	•	•	•	•	•
 Wide 36°	•	•	•	•	•	•	•	•	•	•
 Flood 50°	•	•	•	•	•	•	•	•	•	•
Colour										
White+Black+Iron gray	•	•	•	•	•	•	•	•	•	•
Size										
85mm*88.5mm	•	•	•		•					
85mm*111.5mm			•	•	•					
85mm*90mm	•	•								
85mm*110.5mm			•	•	•					
145mm*73.5mm*88.5mm						•	•			
145mm*73.5mm*111.5mm								•	•	•
145mm*73.5mm*90mm						•	•			
145mm*73.5mm*110.5mm								•	•	•
Cutout										
75mm	•	•	•	•	•					
80mm						•	•	•	•	•
Function										
Fixed	•	•	•	•	•	•	•	•	•	•
Adjustable	•	•	•	•	•	•	•	•	•	•
Installation										
Narrow trim	•	•	•	•	•					
Trimless						•	•	•	•	•
Flow obviously refers to										
2700K Ra>90	•	•	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•	•
5000K Ra>90	•	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•	•	•
Dimming Type										
DALI	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•	•	•
Reflector surface finishes										
UV processed black cup	•	•	•	•	•	•	•	•	•	•
Highly specular aluminium	•	•	•	•	•	•	•	•	•	•
Gold	•	•	•	•	•	•	•	•	•	•
White	•	•	•	•	•	•	•	•	•	•
Optical Accessories										
Honeycomb Filter	•	•	•	•	•	•	•	•	•	•

Optical Accessories



Honeycomb Filter



ICL05 Series Pinhole Downlight

Concise appearance and one-piece structure design, looks elegant and generous. Professional designed light distribution offers you soft and comfortable light.



ICL05 Anti-glare Series Adjustable



1. High-performance Chip













Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K, Ra>90
2. Inner Ring

There are 7 types of inner rings.
3. Adjusting Shaft Design

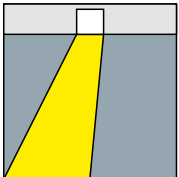
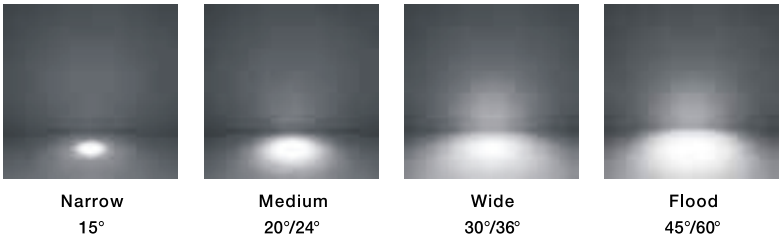
30°adjustable unique light blocking design, reduce lumen losses and waste.
4. Anti-glare

Anti-glare designed lamp body, shading angle≥30°, UGR≤19
5. Cooling System

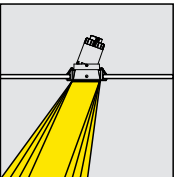
Die-casting aluminium heat sink, conducts the heat from the chip effectively, and ensure the lamp performance and long lifespan.

 <div>High-power LED SDCM<3</div>	 <div>Excellent thermal management</div>	 <div>EMC - optimised</div>
 <div>Different light distributions</div>	 <div>DALI dimming</div>	 <div>Different dimming</div>
 <div>Optischer cut-off 30°</div>	 <div>Tiltable 30°</div>	 <div>IP level</div>
 <div>Different sizes</div>	 <div>Different color temperatures</div>	 <div>Deep anti-dazzle</div>

Optics



Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.



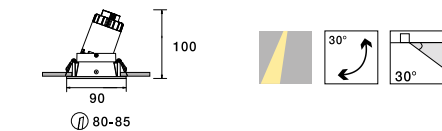
Downlights (Adjustable)
Narrow to wide beam ,rotation-
ally symmetrical light distribu-
tion for accent lighting.

LED
10W-30W
500lm-1500lm

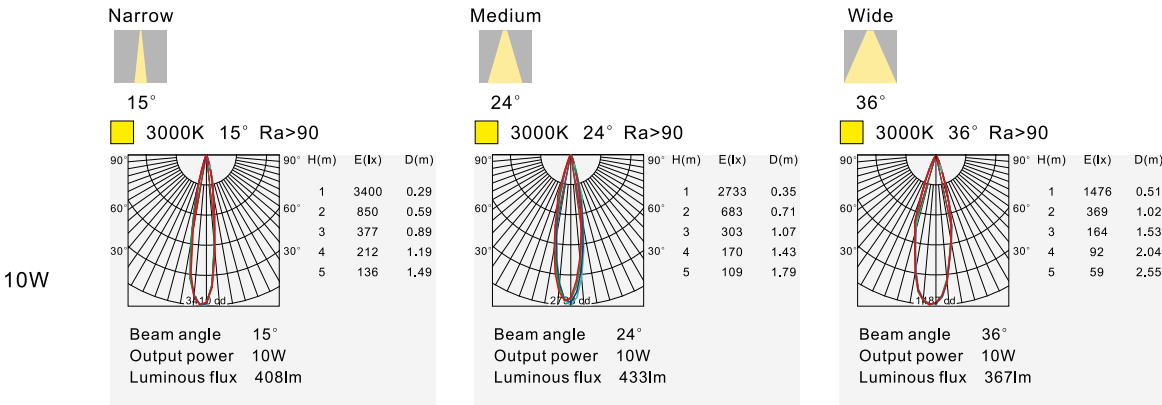
3inch Adjustable 80-85



W	LM	Optic
3000K-CRI 90		
10W	500	15°
10W	500	24°
10W	500	30°
10W	500	36°



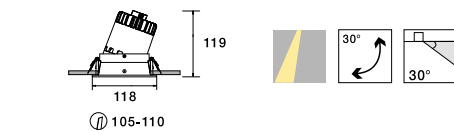
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-S-3	10W	15°	TRIAC	2700K	Ra>80 Ra>90	Roundlet
		24°	1~10V	3000K		
		30°	DALI	3500K		
		36°	Non dimmable	4000K		
				5000K		



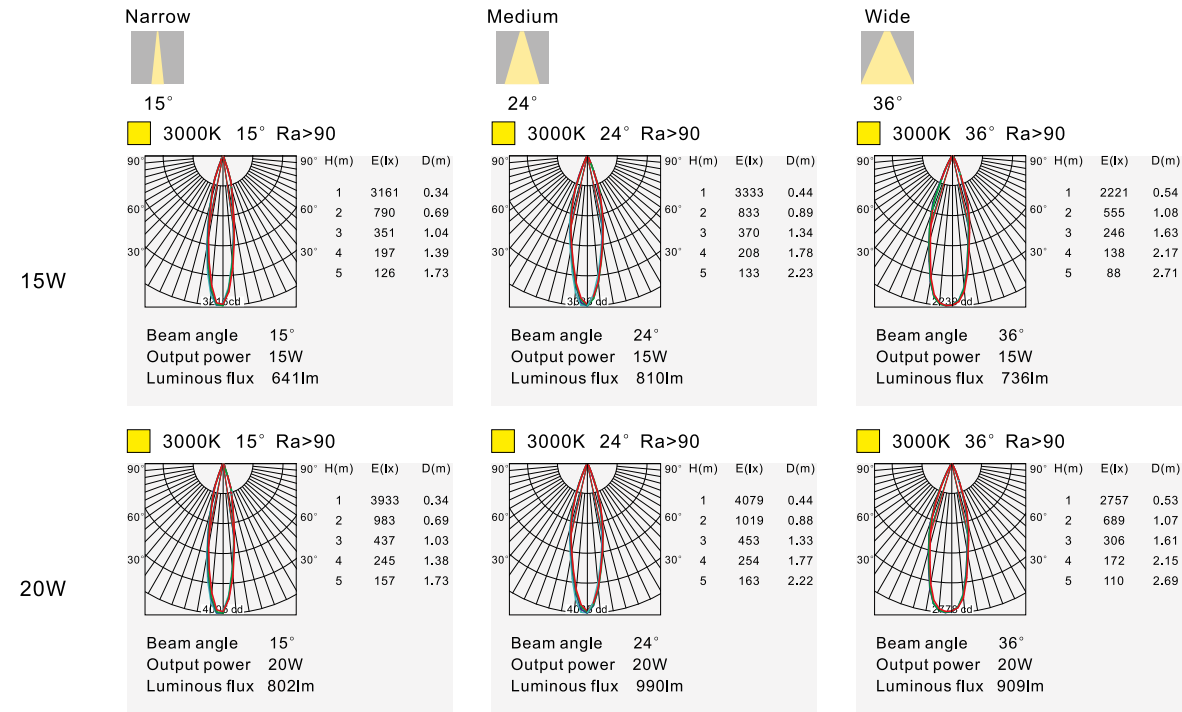
4inch Adjustable 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°



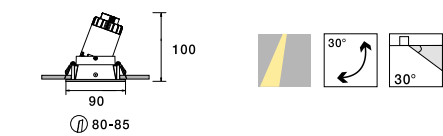
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-S-4	15W 20W	15°	TRIAC	2700K	Ra>80 Ra>90	Roundlet
		24°	1~10V	3000K		
		30°	DALI	3500K		
		36°	Non dimmable	4000K		
		60°		5000K		



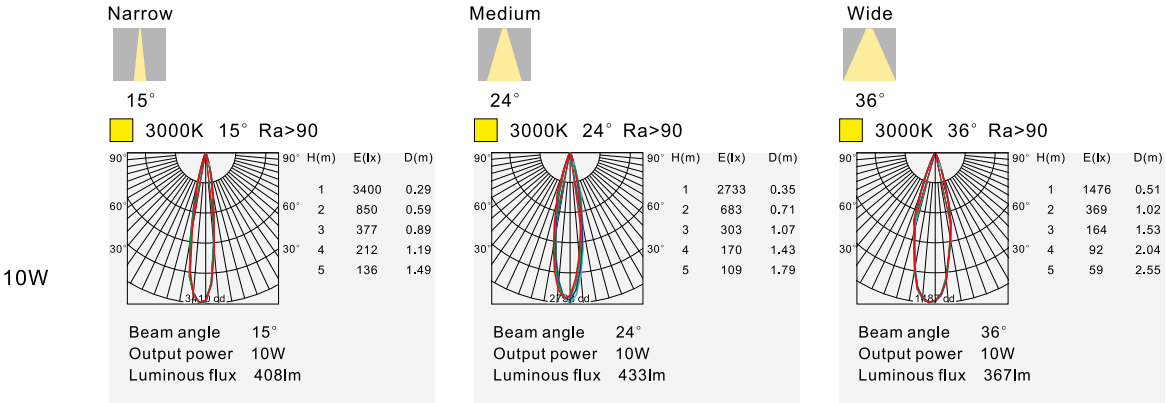
3inch Adjustable 80-85



W	LM	Optic
3000K-CRI 90		
10W	500	15°
10W	500	24°
10W	500	30°
10W	500	36°



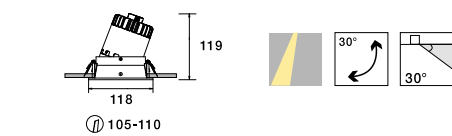
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-S-3	10W	15°	TRIAC	2700K	Ra>80	Roundlet
		24°	1~10V	3000K		
		30°	DALI	3500K		
		36°	Non dimmable	4000K		
				5000K		



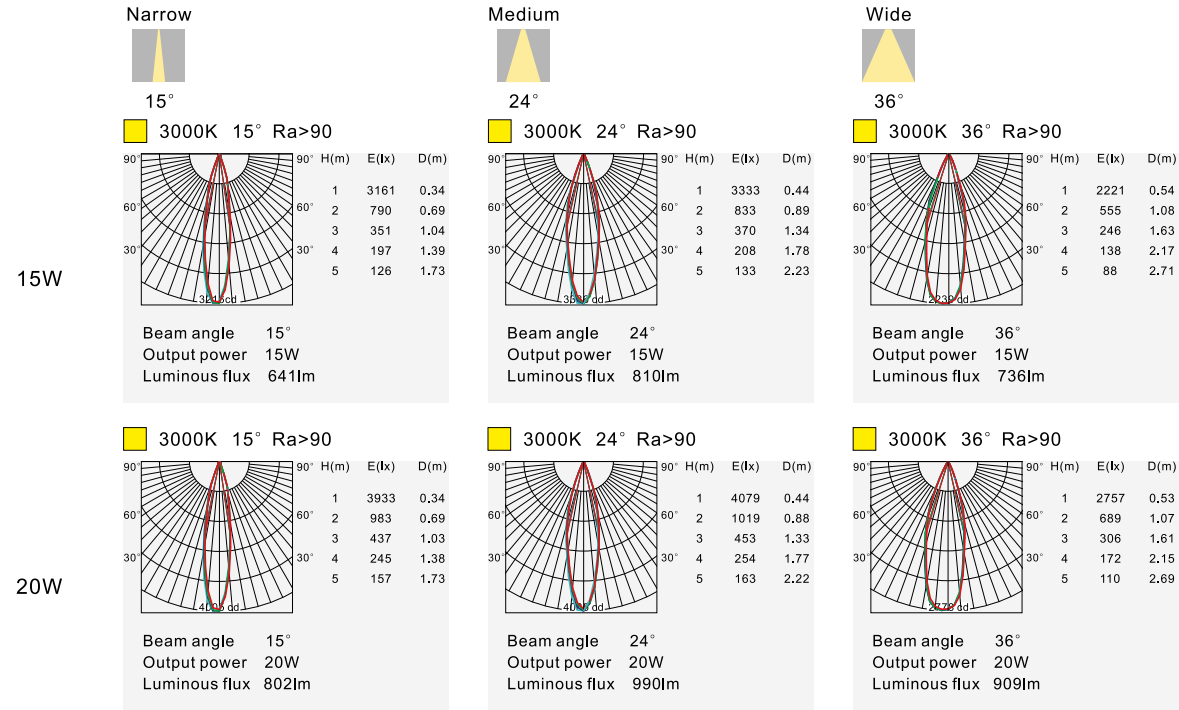
3inch Adjustable 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-S-4	15W 20W	15°	TRIAC	2700K	Ra>80	Roundlet
		24°	1~10V	3000K		
		30°	DALI	3500K		
		36°	Non dimmable	4000K		
		60°		5000K		



Narrow

15°

3000K 15° Ra>90

90°	H(m)	E(lx)	D(m)
1	3933	0.34	
2	983	0.69	
3	437	1.03	
4	245	1.38	
5	157	1.73	

Beam angle 15°
Output power 20W
Luminous flux 802lm

Medium

24°

3000K 24° Ra>90

90°	H(m)	E(lx)	D(m)
1	4079	0.44	
2	1019	0.88	
3	453	1.33	
4	254	1.77	
5	163	2.22	

Beam angle 24°
Output power 20W
Luminous flux 990lm

Wide

36°

3000K 36° Ra>90

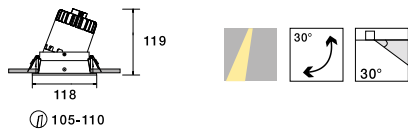
90°	H(m)	E(lx)	D(m)
1	2757	0.53	
2	689	1.07	
3	306	1.61	
4	172	2.15	
5	110	2.69	

Beam angle 36°
Output power 20W
Luminous flux 909lm

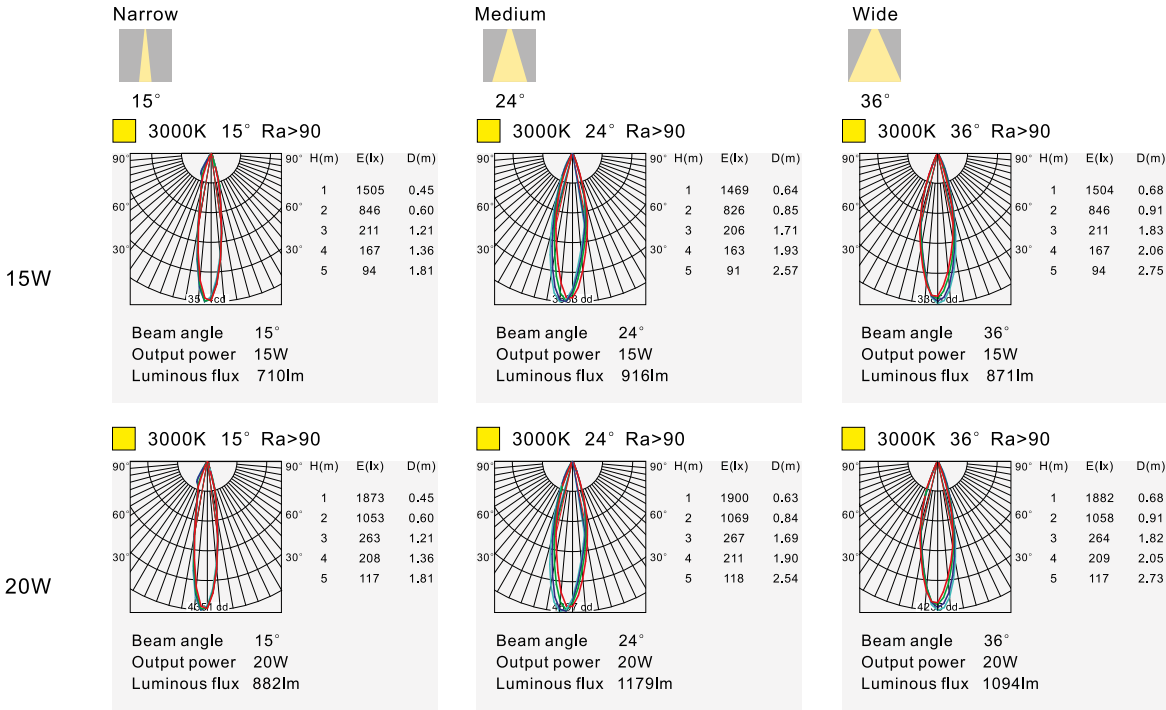
4inch Adjustable 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°



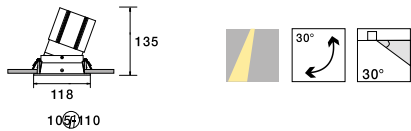
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-E-4	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Ellipse
		24°		3000K		
		30°		3500K		
		36°		4000K		
		60°		5000K		



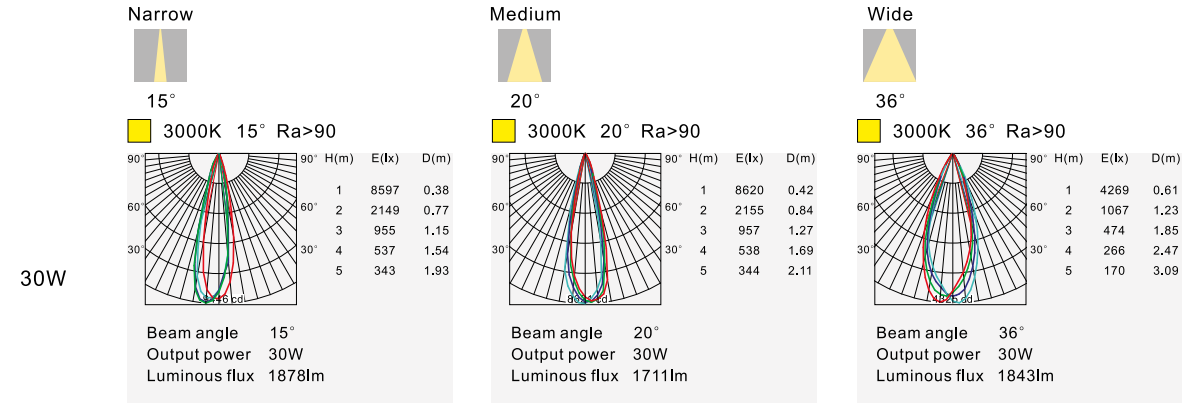
4inch Adjustable 105-110



W	LM	Optic
3000K-CRI 90		
30W	1500	15°
30W	1500	20°
30W	1500	30°
30W	1500	36°
30W	1500	45°



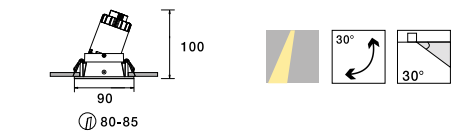
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-E-4	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Ellipse
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



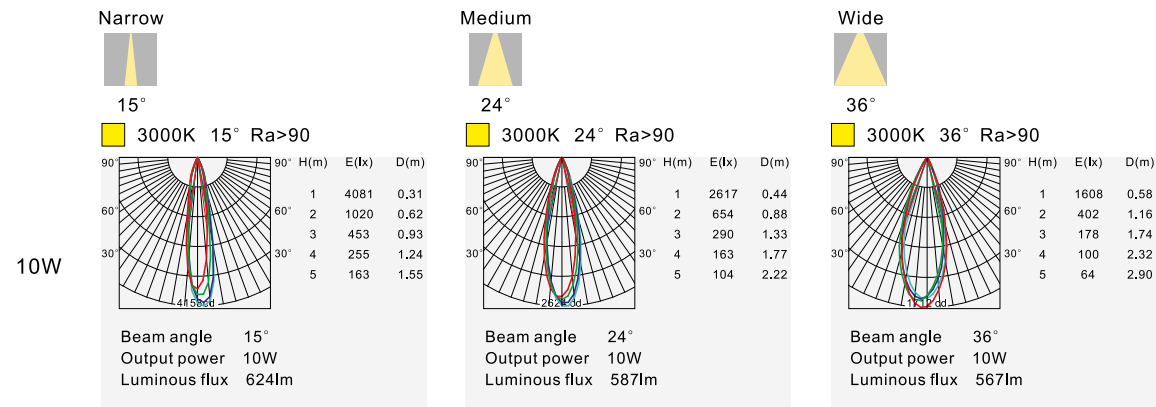
3inch Adjustable 80-85



W	LM	Optic
3000K-CRI 90		
10W	500	15°
10W	500	24°
10W	500	30°
10W	500	36°



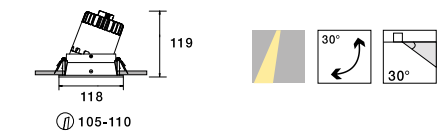
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-P-3	10W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Orthodrome
		24°		3000K		
		30°		3500K		
		36°		4000K		
		36°		5000K		



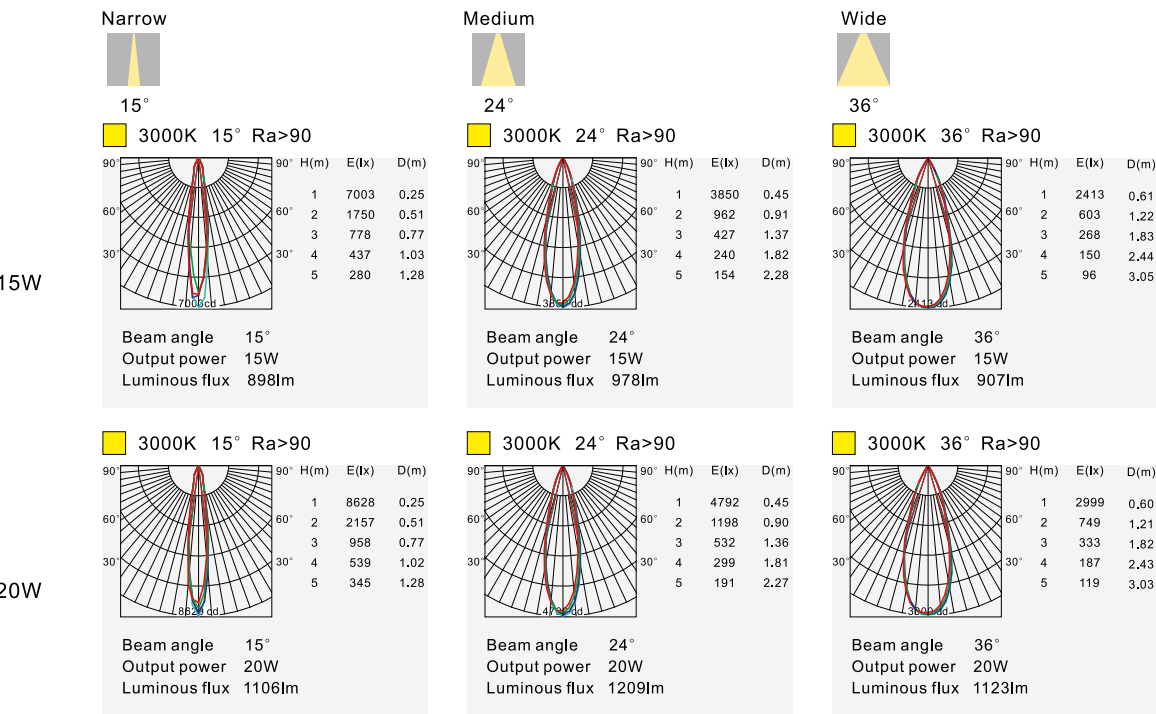
4inch Adjustable 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°



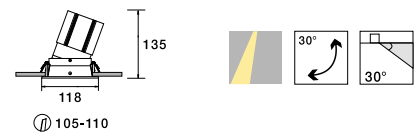
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-P-4	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Orthodrome
		24°		3000K		
		30°		3500K		
		36°		4000K		
		60°		5000K		



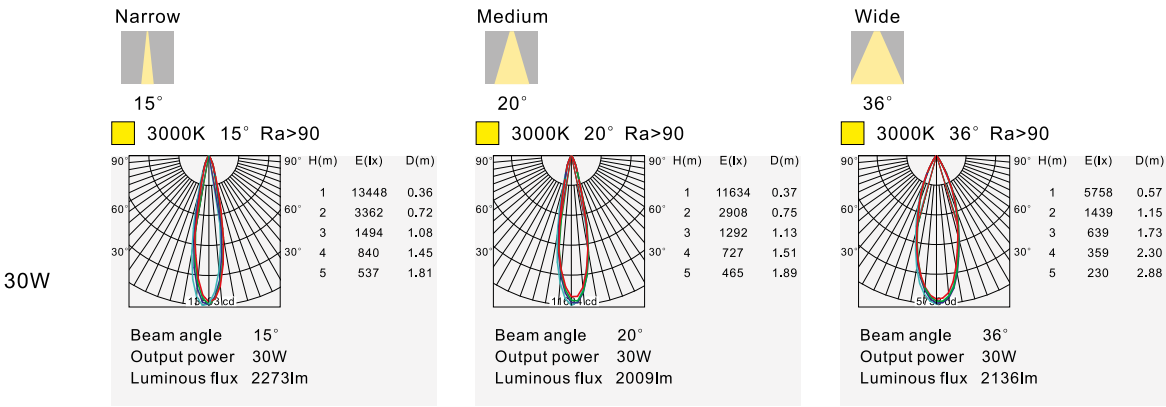
4inch Adjustable 105-110



W	LM	Optic
3000K-CRI 90		
30W	1500	15°
30W	1500	20°
30W	1500	30°
30W	1500	36°
30W	1500	45°



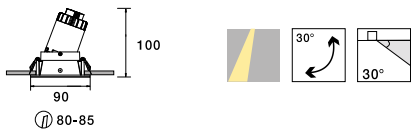
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-P-4	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Orthodrome
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



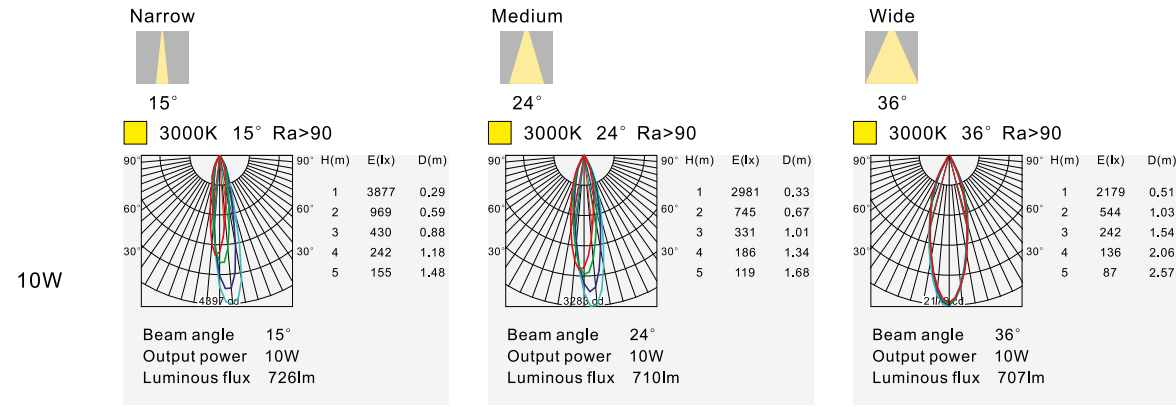
3inch Adjustable 80-85



W	LM	Optic
3000K-CRI 90		
10W	500	15°
10W	500	24°
10W	500	30°
10W	500	36°



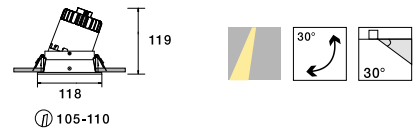
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-O-3	10W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Silver inner ring Black inner ring
		24°		3000K		
		30°		3500K		
		36°		4000K		
		36°		5000K		



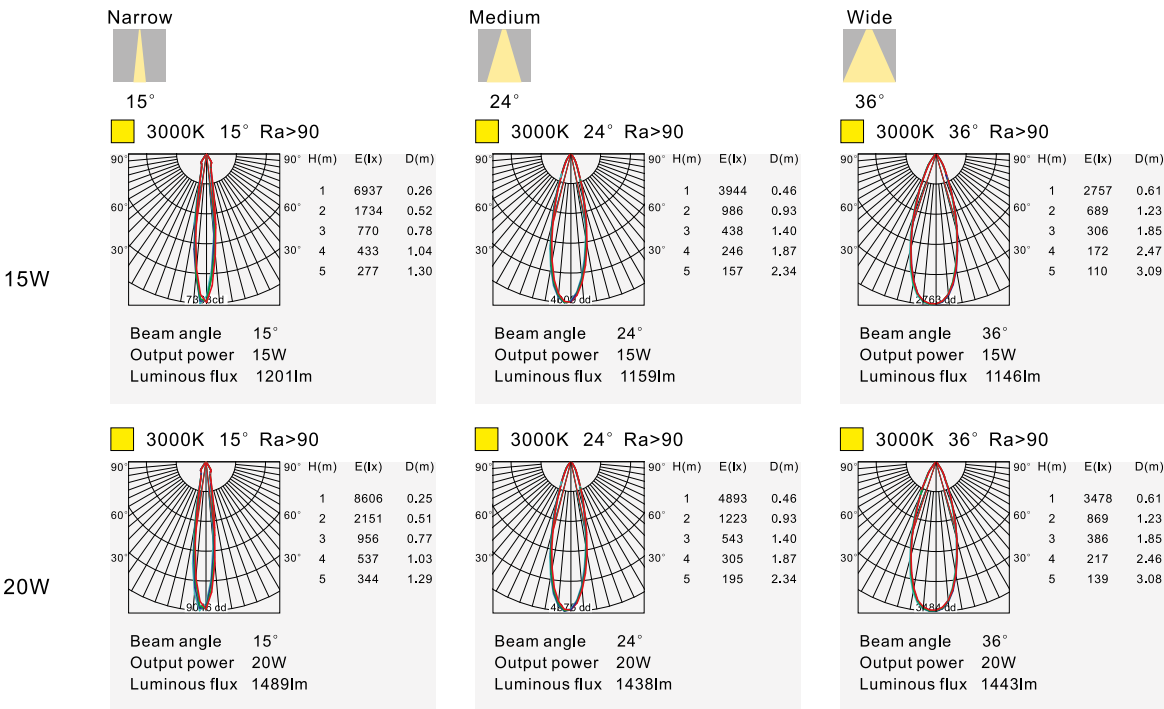
4inch Adjustable 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°



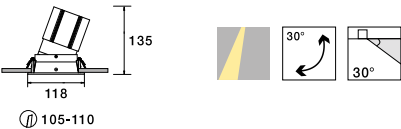
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-O-4	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Silver inner ring Black inner ring
		24°		3000K		
		30°		3500K		
		36°		4000K		
		60°		5000K		



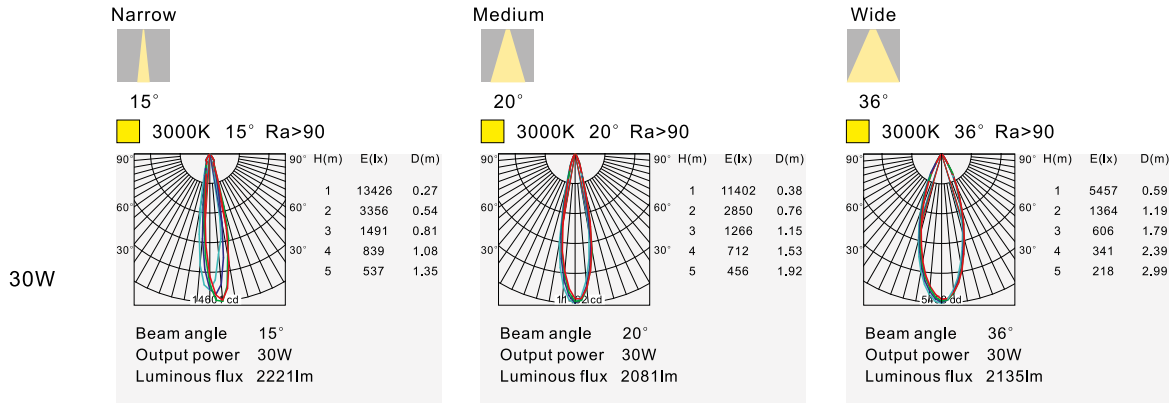
4inch Adjustable 105-110



W	LM	Optic
3000K-CRI 90		
30W	1500	15°
30W	1500	20°
30W	1500	30°
30W	1500	36°
30W	1500	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Inner Ring
ICL05R-O-4	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Silver inner ring Black inner ring
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



ICL15 Series Downlight

Concise appearance and one-piece structure design, looks elegant and generous. Professional designed light distribution offers you soft and comfortable light.



	ICL05R-S				ICL05R-E				ICL05R-P				ICL05R-O			
	10W	15W	20W	30W	10W	15W	20W	30W	10W	15W	20W	30W	10W	15W	20W	30W
Optics																
Narrow 15°																
Medium 20°																
Medium 24°																
Wide 30°																
Wide 36°																
Flood 45°																
Flood 60°																
Colour																
White+Iron gray																
Size																
90mm*100mm																
118mm*119mm																
118mm*135mm																
Cutout																
80mm-85mm																
105mm-110mm																
Flow obviously refers to																
2700K Ra>90																
3000K Ra>90																
3500K Ra>90																
4000K Ra>90																
5000K Ra>90																
2700K Ra>80																
3000K Ra>80																
3500K Ra>80																
4000K Ra>80																
5000K Ra>80																
Function																
Fixed																
Adjustable																
Dimming Type																
DALI																
TRIAC																
1-10V																
Non dimmable																
Inner Ring																
Roundlet																
Orthodrome																
Ellipse																
BlackInner Ring																
Silver Inner Ring																

Inner Ring



Roundlet



Orthodrome



Ellipse



BlackInner Ring



Silver Inner Ring

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ICL15 Series Downlight



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Face Ring

There are 4 types of face rings.

Cooling System

Dia-casting aluminum light body; patent heat radiation structure,Upcast air design for good heat dissipation.

Anti-glare

Anti-glare designed lamp body, shading angle $\geq 30^{\circ}$,UGR ≤ 19



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 30



IP level

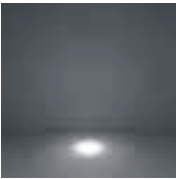


Different color
temperatures

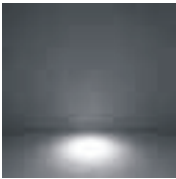


Deep anti-dazzle

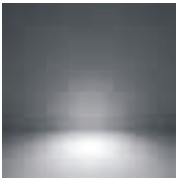
Optics



Narrow
10°/15°

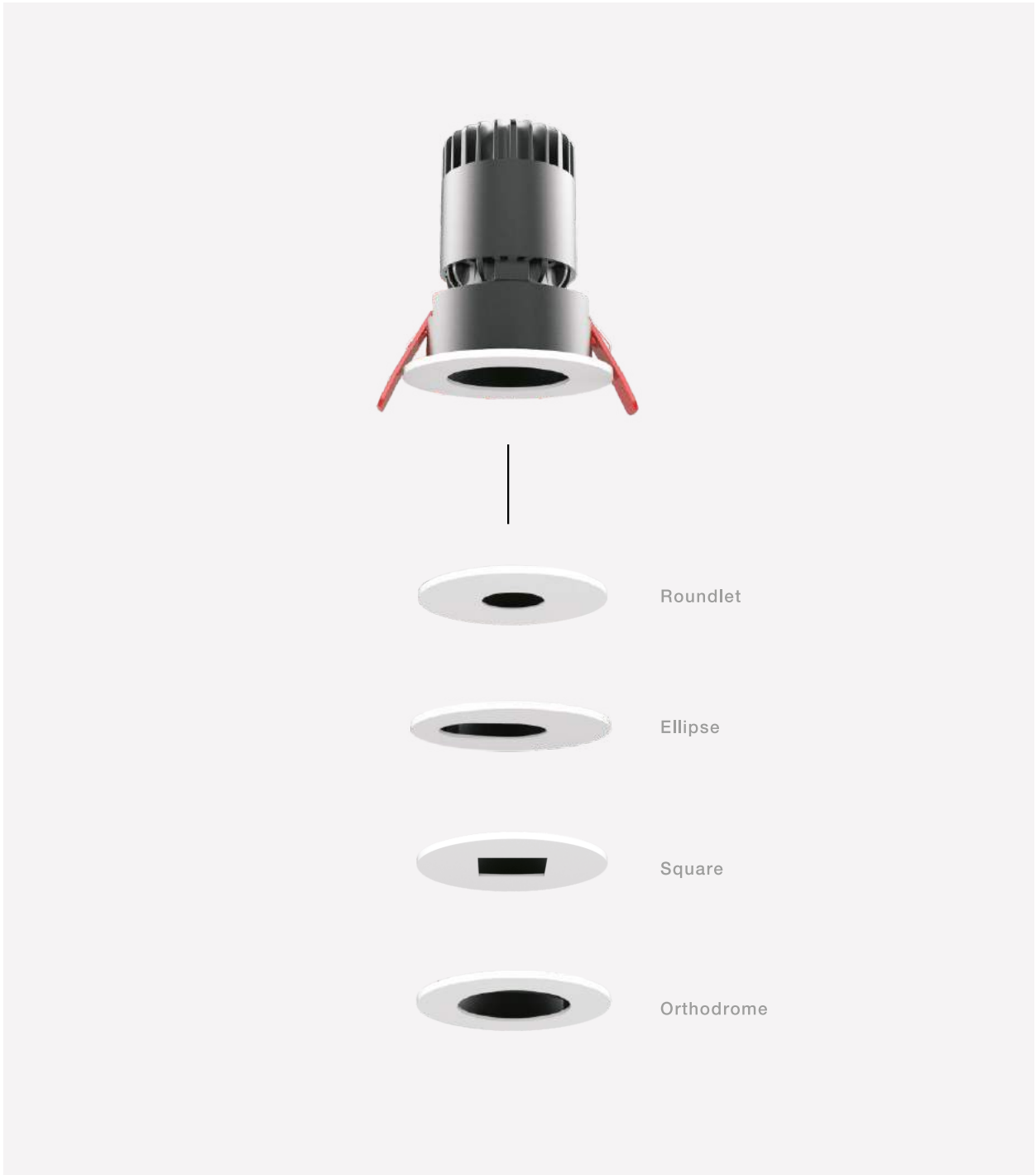


Medium
24°



Wide
30°/36°

Accessory

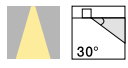
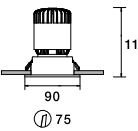




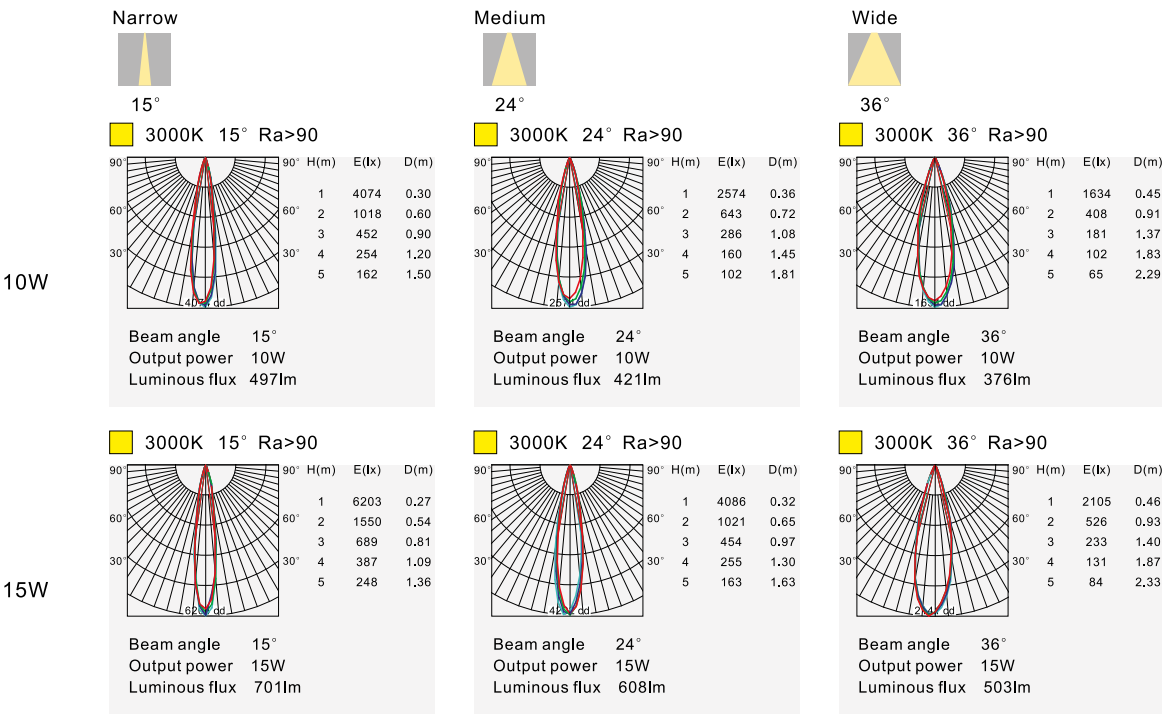
3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



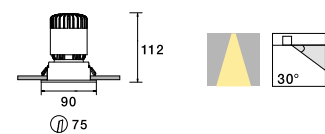
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-S-F	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Roundlet
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



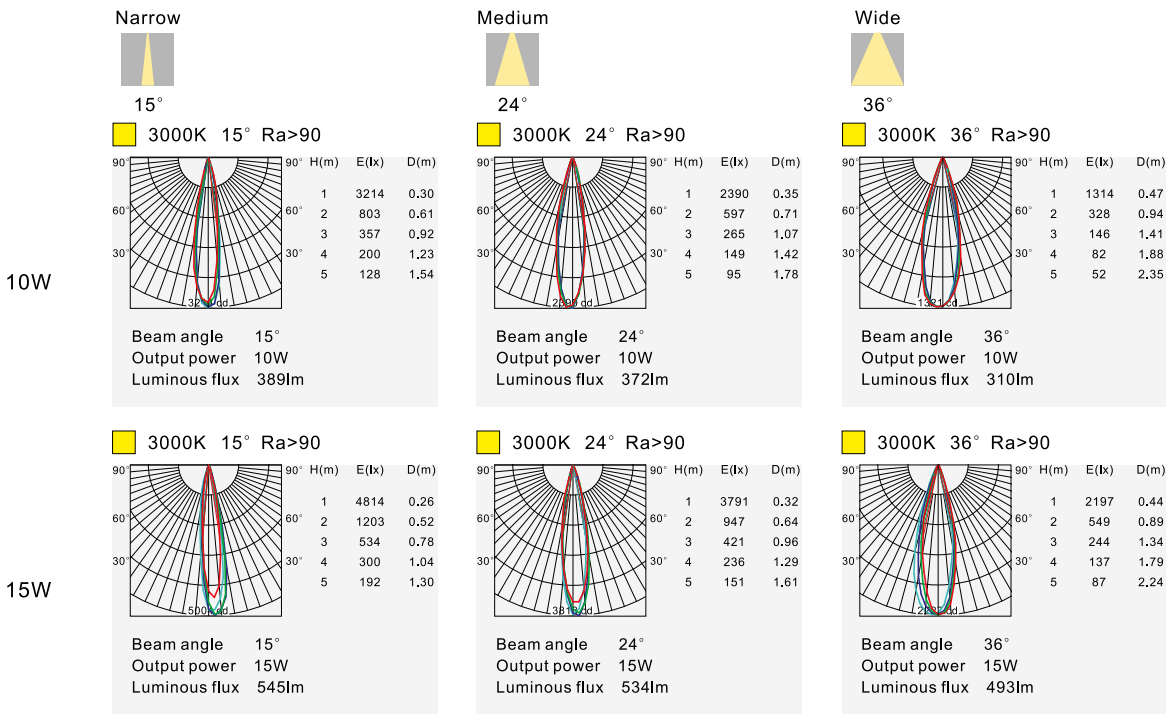
3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



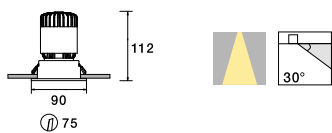
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-E-F	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Ellipse
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



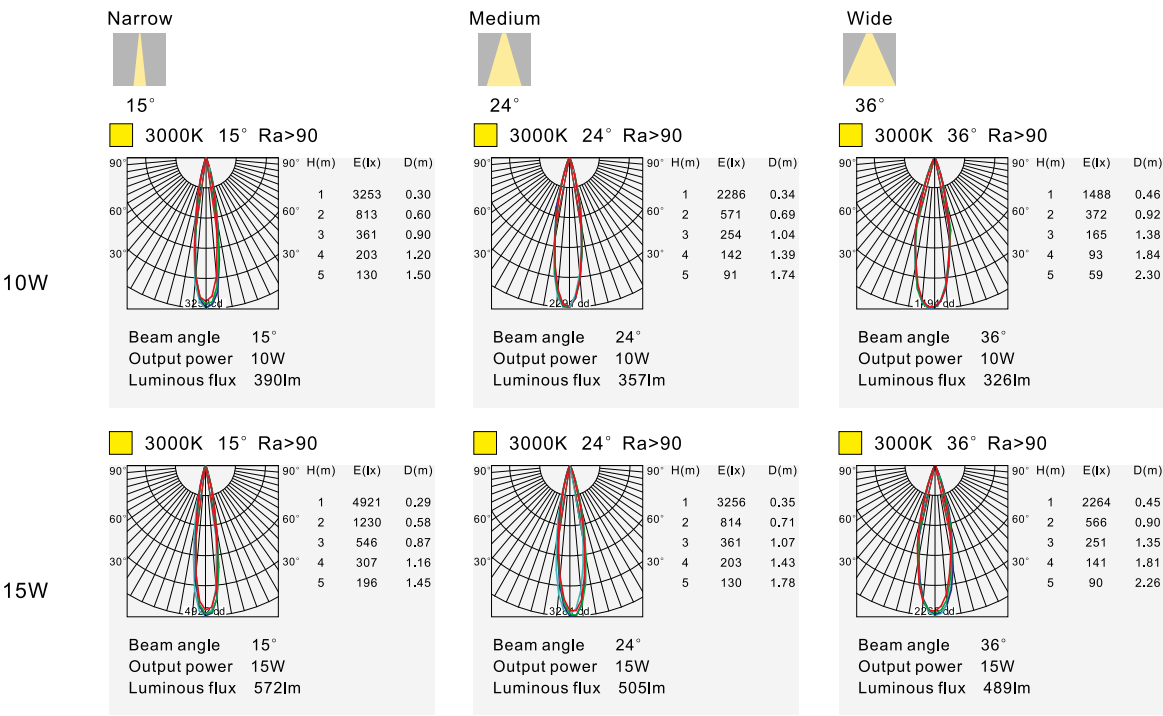
3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



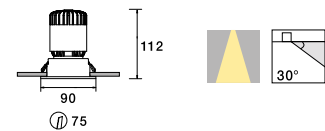
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-Q-F	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Square
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



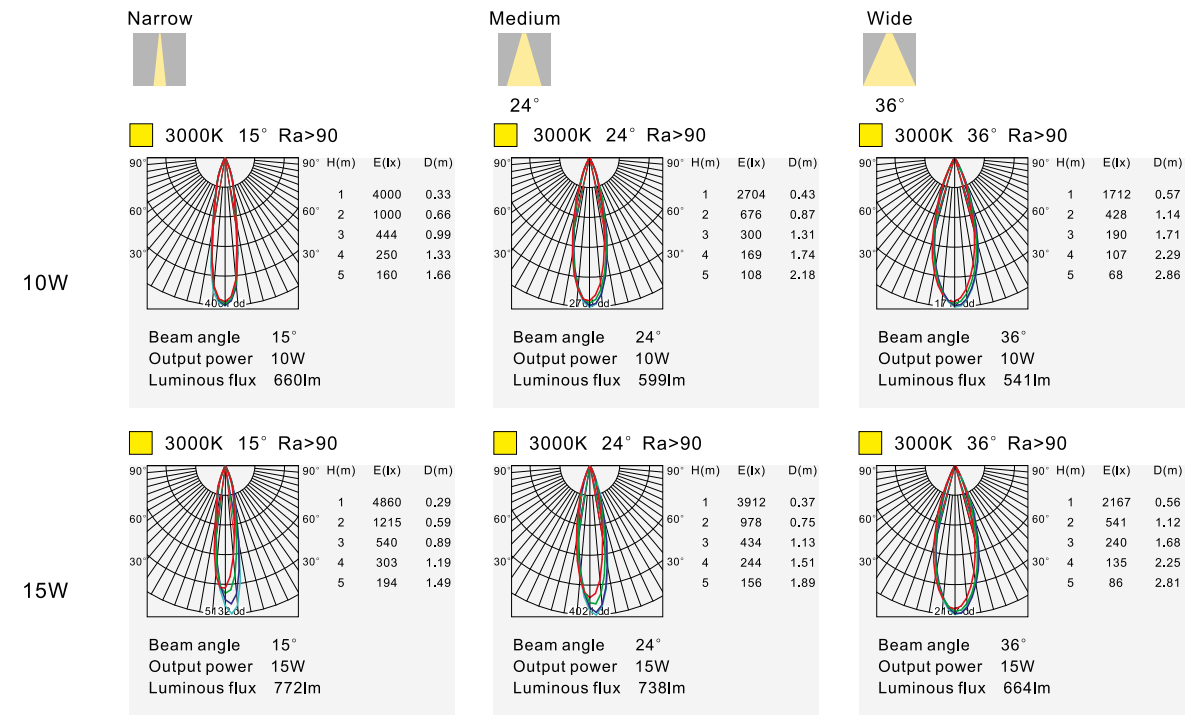
3inch Fixed 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-O-F	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Orthodrome
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



ICL15 Anti-glare & Controlled Pinhole Series Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Adjusting Shaft Design

0°-25°vertical axis adjustale design for your convenience. Unique lighting shading design.

Face Ring


There are 4 types of face rings.

Cooling System

Dia-casting aluminum light body; patent heat radiation structure,Upcast air design for good heat dissipation.


Anti-glare

Anti-glare designed lamp body, shading angle≥30°,UGR≤19




High-power LED

SDCM<3




Different light

distributions



Optischer cut-off 30



Different color

temperatures




Excellent thermal


management




DALI dimming




Tilttable 25°




Deep anti-dazzle



EMC - optimised




Different dimming



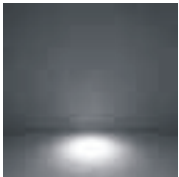
IP level

Optics



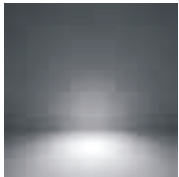
Narrow

10°/15°



Medium

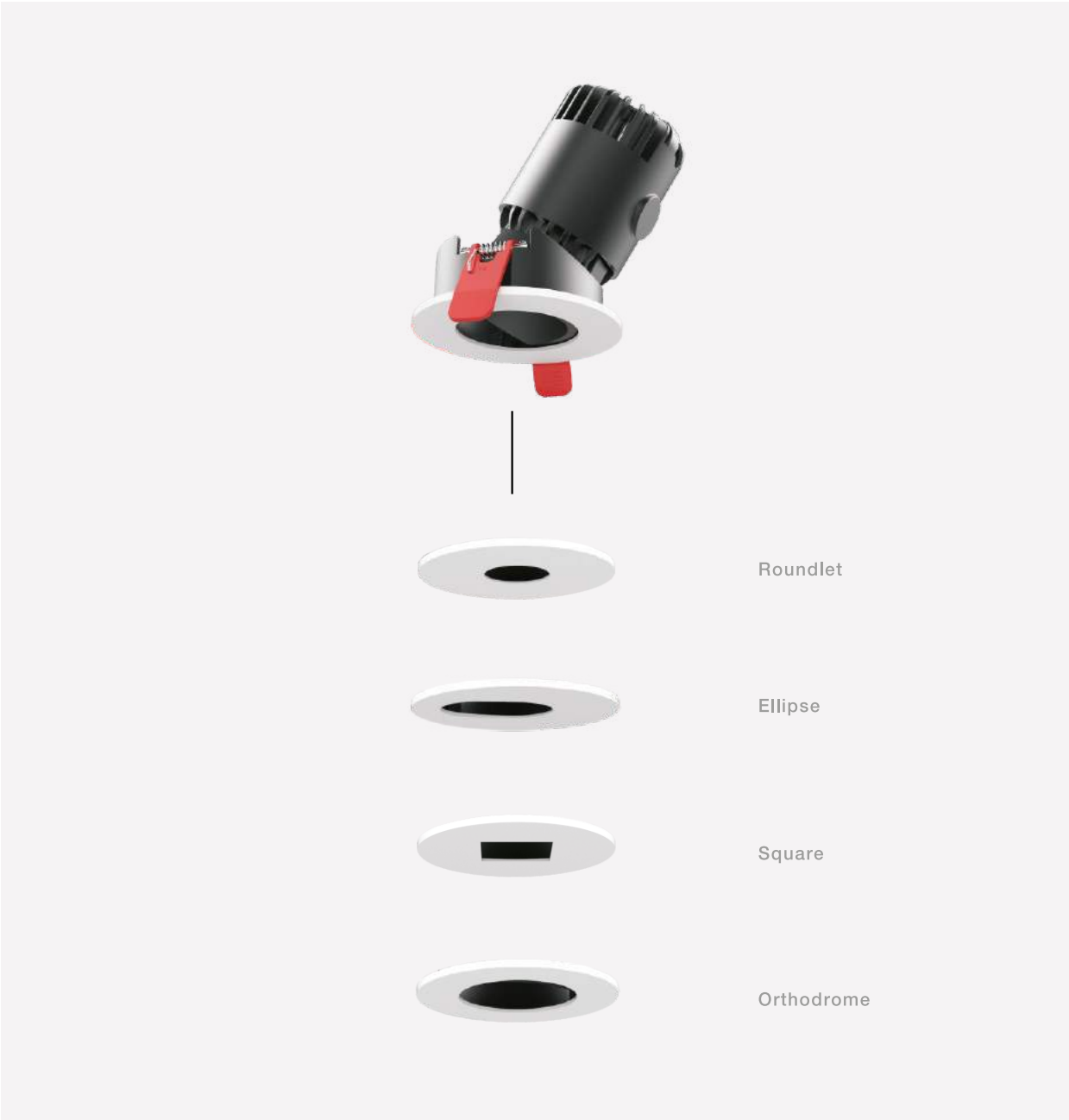
24°



Wide

30°/36°

Accessory



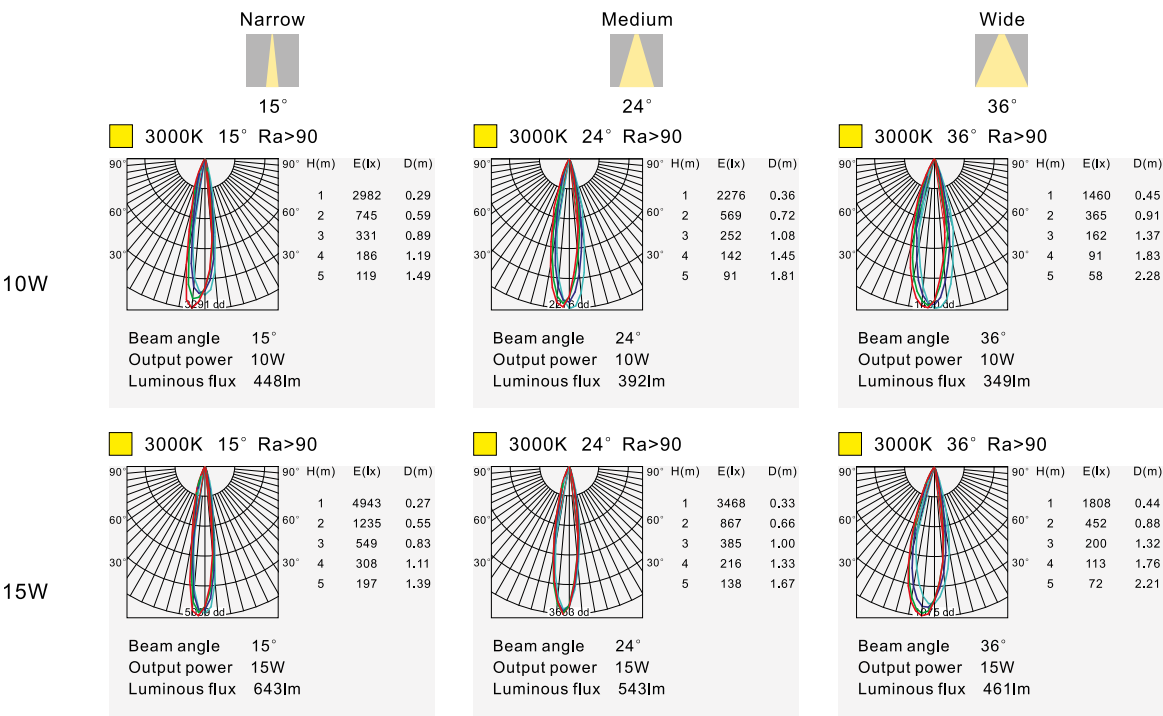
3inch Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



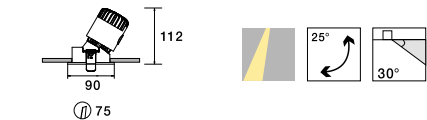
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-S-T	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Roundlet
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



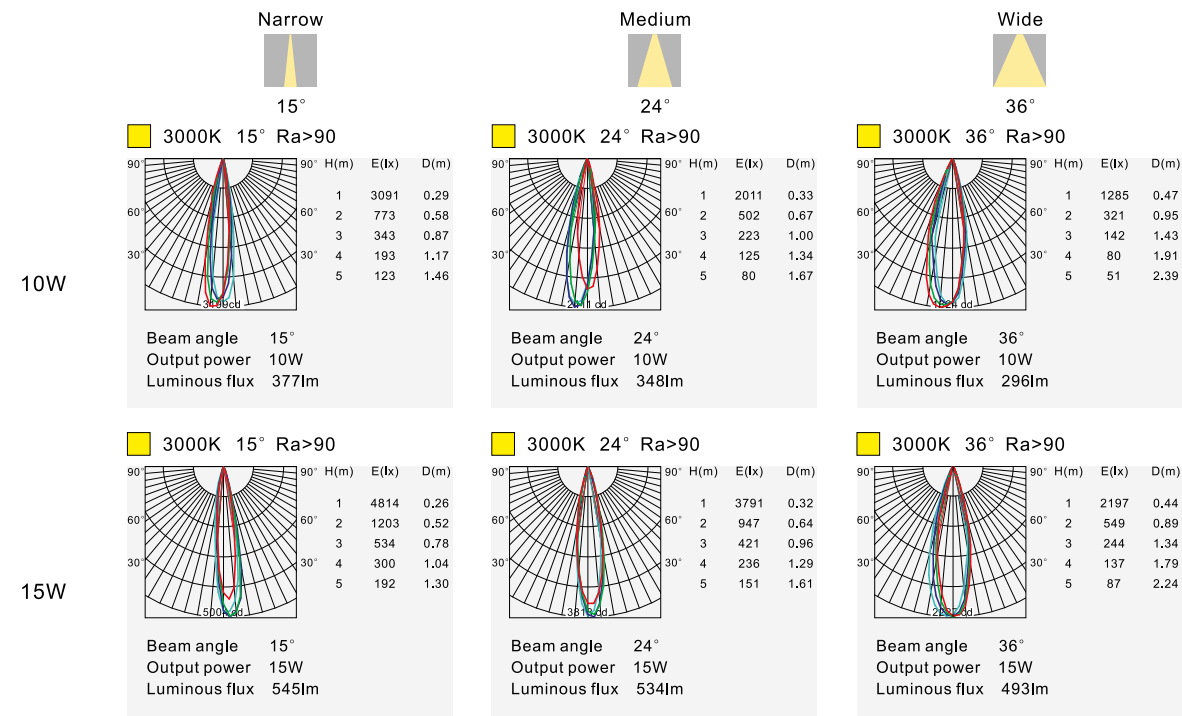
3inch Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-E-T	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Ellipse
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



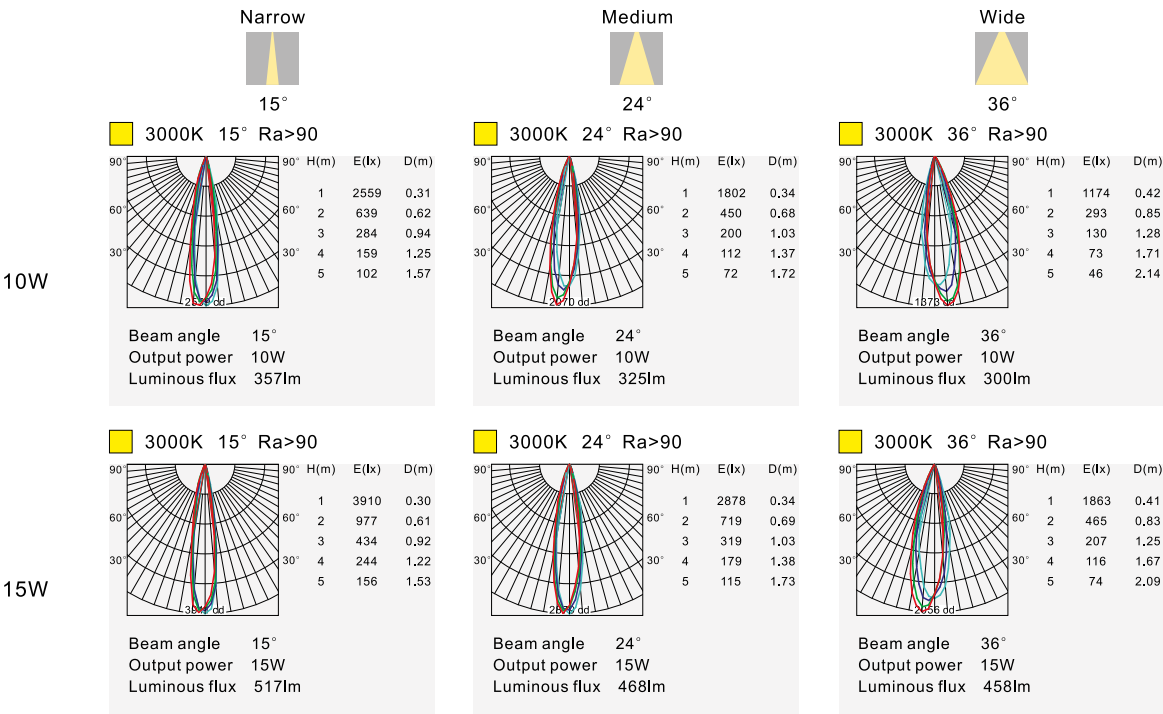
3inch Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-Q-T	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Square
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°				



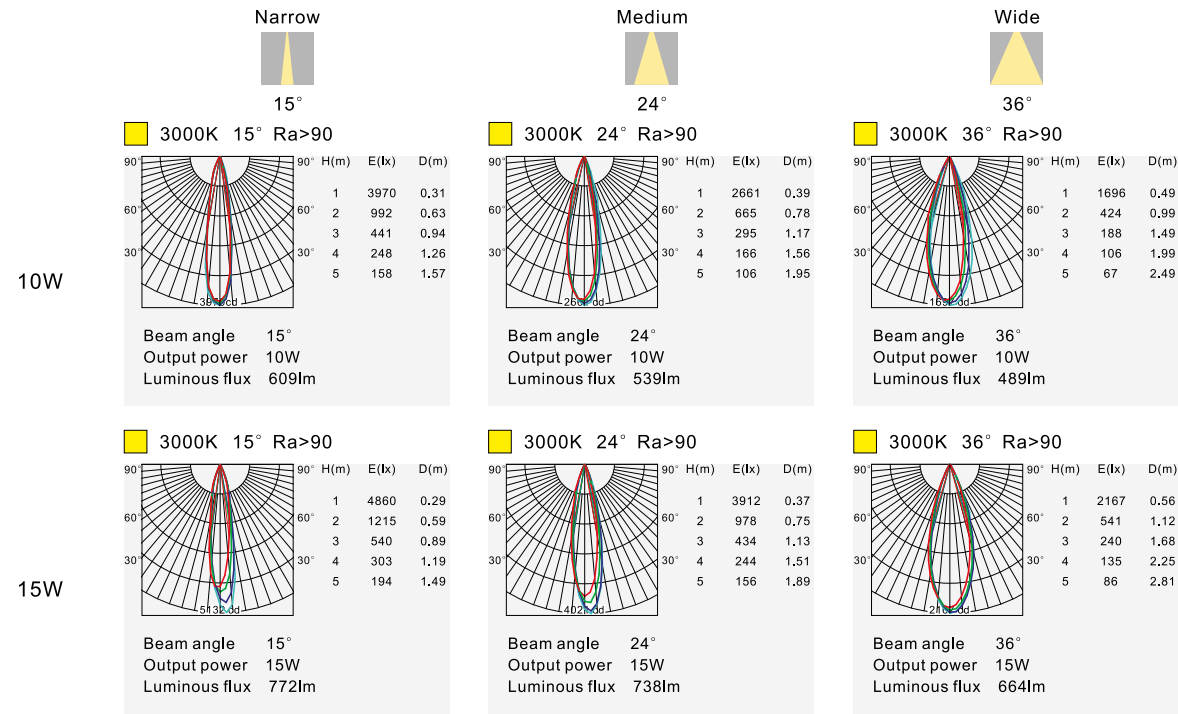
3inch Adjustable 75



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-O-T	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Orthodrome
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



	ICL15R-S		ICL15R-E		ICL15R-Q		ICL15R-O	
	10W	15W	10W	15W	10W	15W	10W	15W
Optics								
Narrow 10°	<div></div>		<div></div>		<div></div>		<div></div>	
Narrow 15°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Medium 24°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Wide 30°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Wide 36°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Colour								
White+Iron gray	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Size								
90mm*112mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Cutout								
75mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Flow obviously refers to								
2700K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2700K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Function								
Fixed	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Adjustable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Dimming Type								
DALI	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TRIAC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
1-10V	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Non dimmable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Face Ring								
Roundlet	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Ellipse			<div></div>	<div></div>	<div></div>	<div></div>		
Square					<div></div>	<div></div>		
Orthodrome							<div></div>	<div></div>
Face Ring								
<div> <div></div> <div></div> <div></div> <div></div> </div>								
<div> <div>Roundlet</div> <div>Ellipse</div> <div>Square</div> <div>Orthodrome</div> </div>								

Notes

- Different wattages can be provided upon request

- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ICL06 Series Downlight

Meet your diversified demand and your indoor lighting design styles.



ICL06 Series Downlight



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Anti-glare

Anti-glare designed lamp body, shading angle≥30°,UGR≤19

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Easy installation

Clips installation design, simple and easy installation.



High-power LED
SDCM<3



Different light
distributions



Optischer cut-off 30



Different color
temperatures



Excellent thermal
management



DALI dimming



IP level



Deep anti-dazzle



EMC - optimised



Different dimming

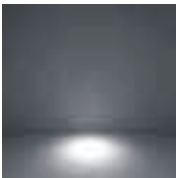


Different sizes

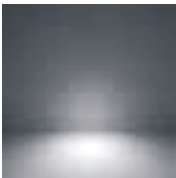
Optics



Narrow
15°



Medium
20° /24°



Wide
30° /36°



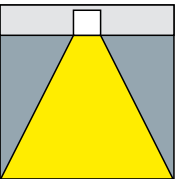
Flood
45° /60°



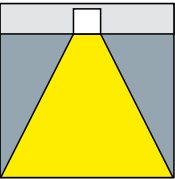
Ø80-85
8W/10W

Ø105-110
15W/20W

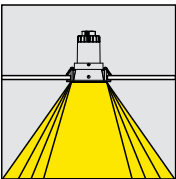
Ø105-110
30W



Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.

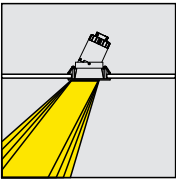


Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.



Downlights (Fixed)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
8W-30W
520lm-1950lm



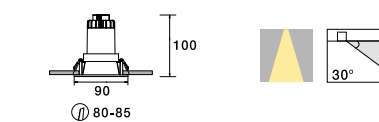
Downlights (Adjustable)
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
8W-30W
520lm-1950lm

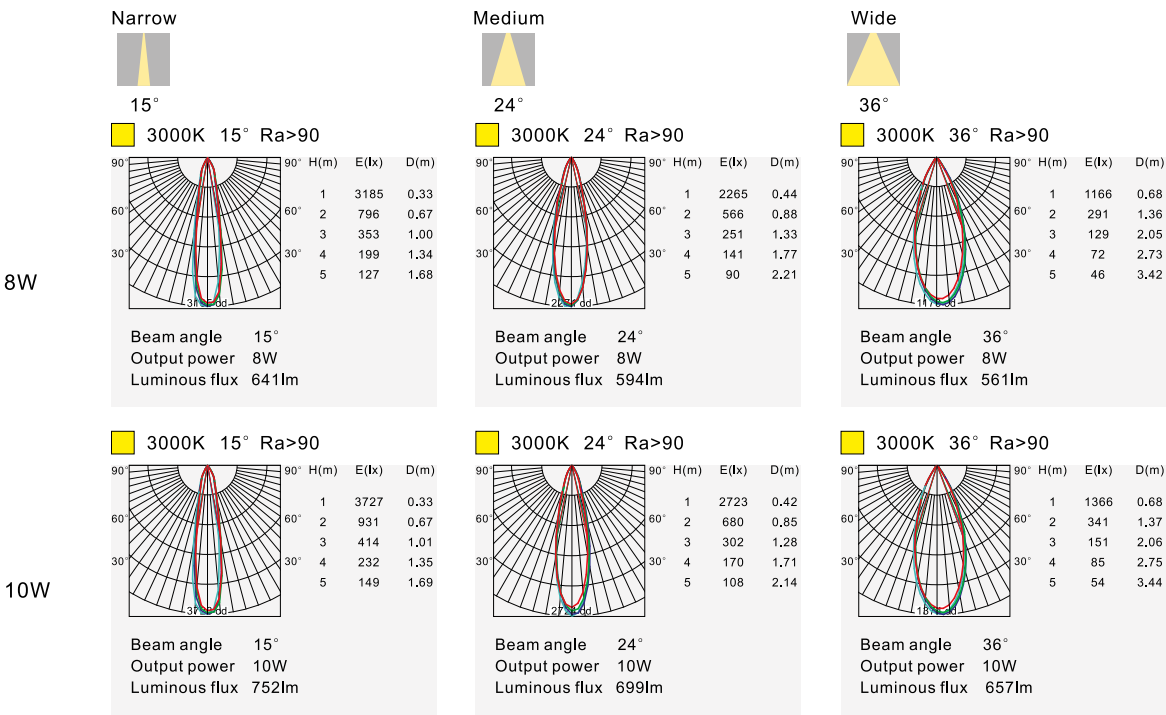
3inch Fixed 80-85



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
8W	520	15°	10W	650	15°
8W	520	24°	10W	650	24°
8W	520	30°	10W	650	30°
8W	520	36°	10W	650	36°



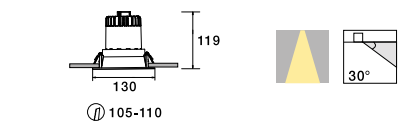
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL06R-3F	8W 10W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		24°		3000K	
		30°		3500K	
		36°		4000K	
				5000K	



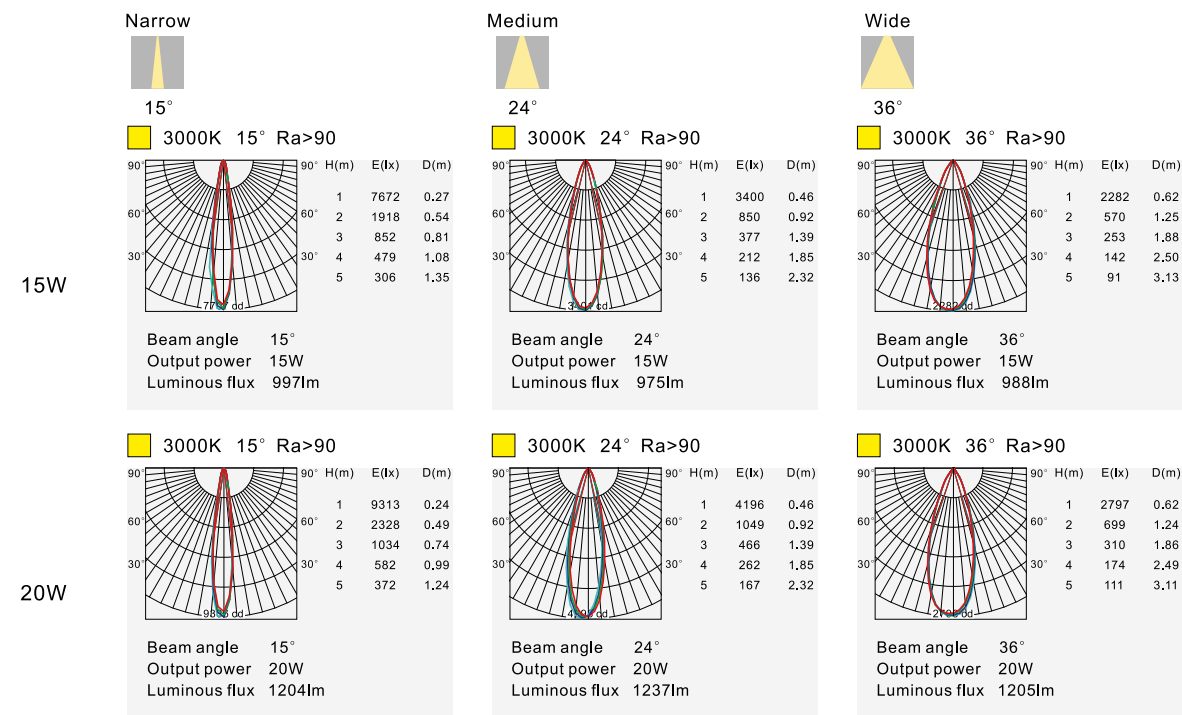
4inch Fixed 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	975	15°	20W	1300	15°
15W	975	24°	20W	1300	24°
15W	975	30°	20W	1300	30°
15W	975	36°	20W	1300	36°
15W	975	60°	20W	1300	60°



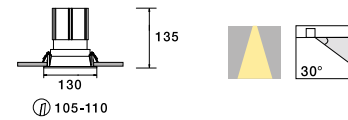
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL06R-4F	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		24°		3000K	
		30°		3500K	
		36°		4000K	
		60°		5000K	



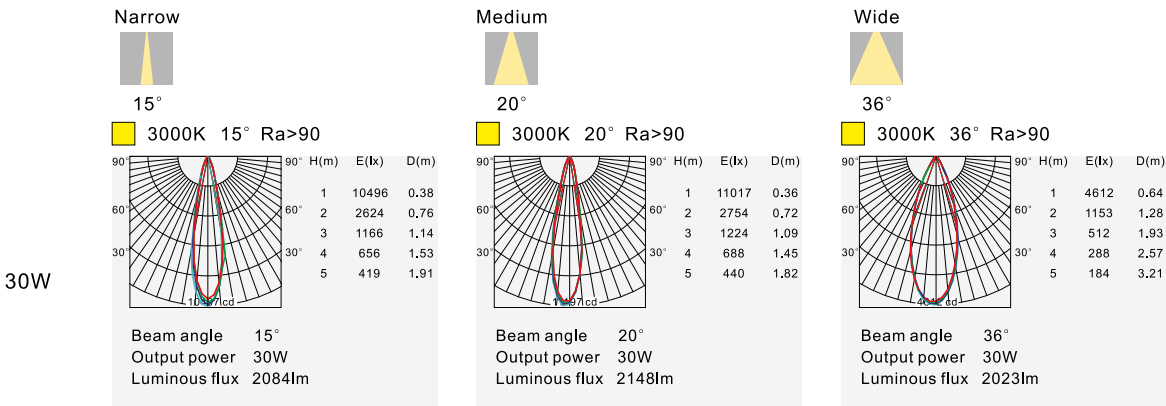
4inch Fixed 105-110



W	LM	Optic
3000K-CRI 90		
30W	1950	15°
30W	1950	20°
30W	1950	30°
30W	1950	36°
30W	1950	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL06R-4F	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		20°		3000K	
		30°		3500K	
		36°		4000K	
		45°		5000K	



ICL06 Series Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Adjusting Shaft Design

30°adjustable unique light blocking design, reduce lumen losses and waste.

Anti-glare

Anti-glare designed lamp body, shading angle≥30°,UGR≤19

Easy installation

Clips installation design, simple and easy installation.



High-power LED SDCM<3



Excellent thermal management



EMC - optimised



Different light distributions



DALI dimming



Different dimming



Tiltable 30°



Optischer cut-off 30



IP level



Different sizes

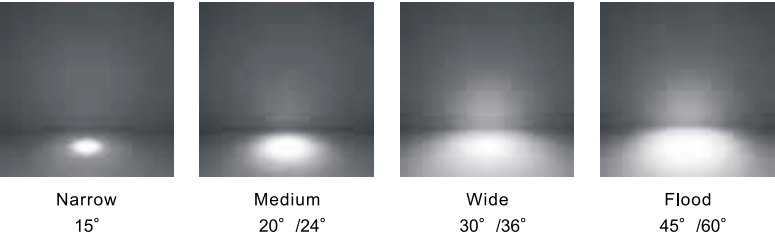


Different color temperatures



Deep anti-dazzle

Optics



Ø80-85
8W/10W

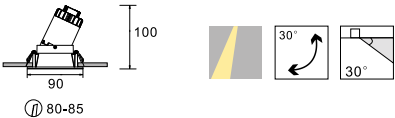
Ø105-110
15W/20W

Ø105-110
30W

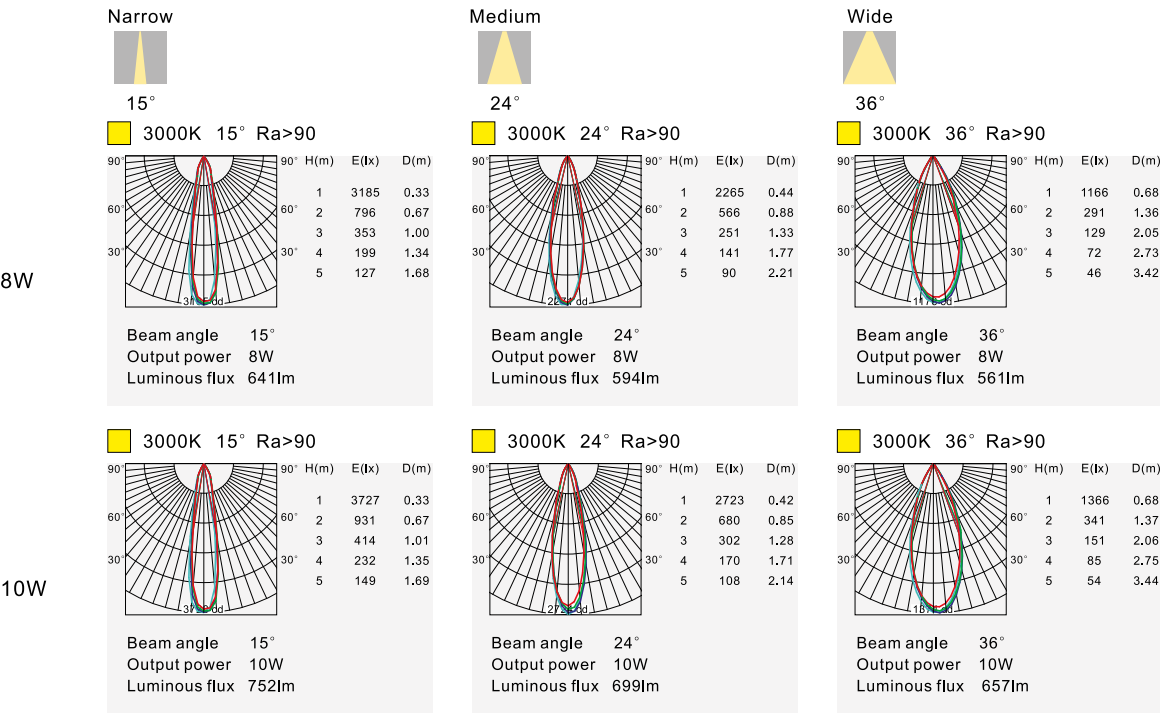
3inch Adjustable 80-85



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
8W	520	15°	10W	650	15°
8W	520	24°	10W	650	24°
8W	520	30°	10W	650	30°
8W	520	36°	10W	650	36°



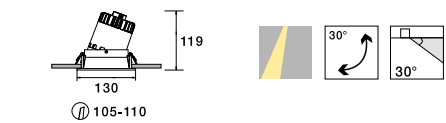
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL06R-3T	8W 10W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90



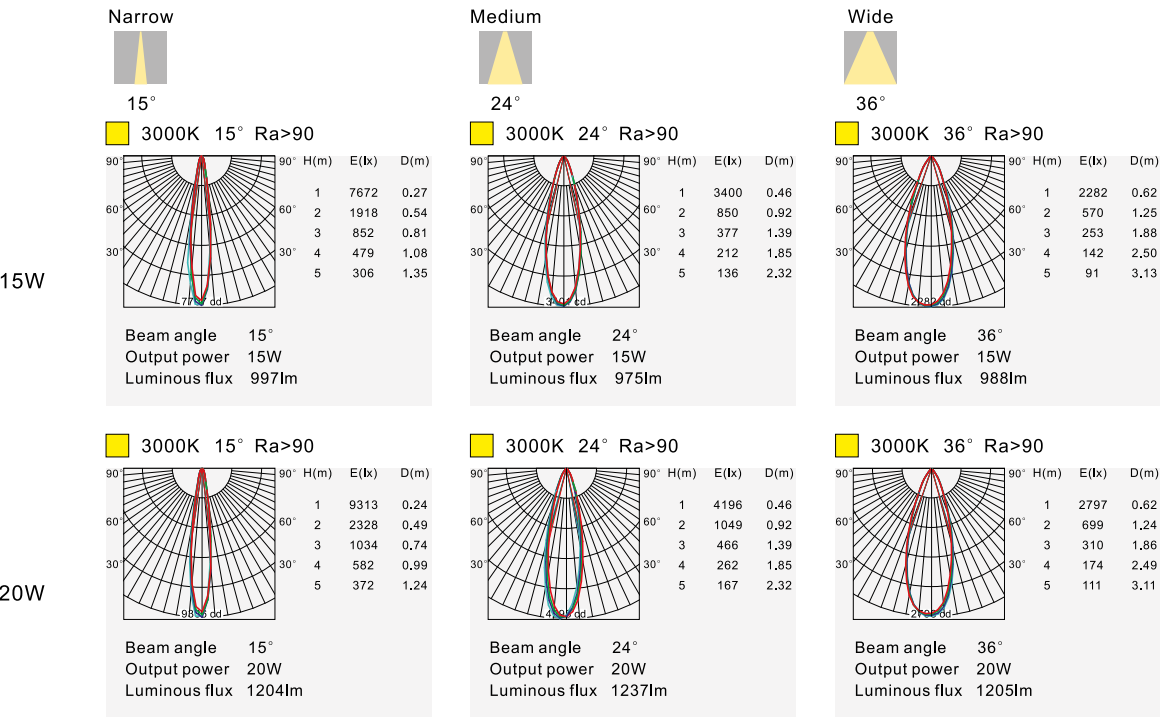
4inch Adjustable 105-110



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	975	15°	20W	1300	15°
15W	975	24°	20W	1300	24°
15W	975	30°	20W	1300	30°
15W	975	36°	20W	1300	36°
15W	975	60°	20W	1300	60°



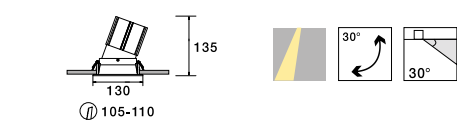
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL06R-4T	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		24°		3000K	
		30°		3500K	
		36°		4000K	
		60°		5000K	



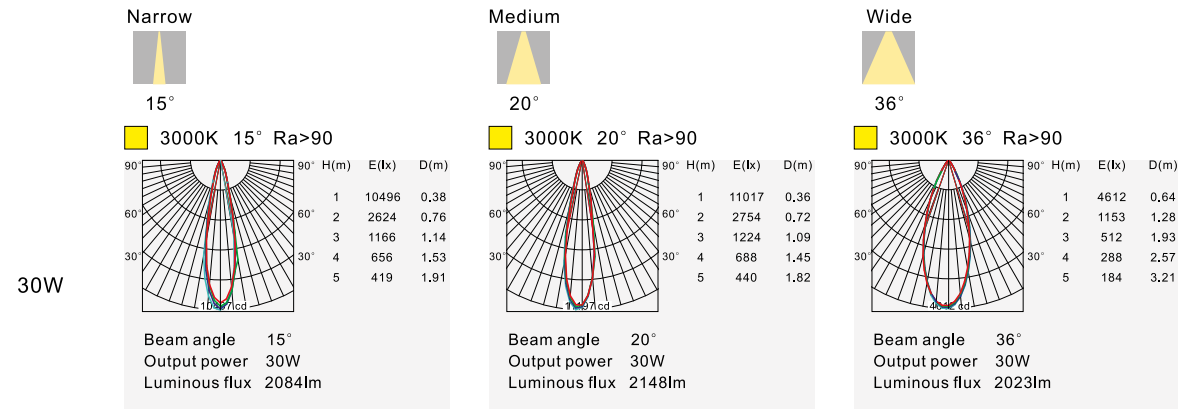
4inch Adjustable 105-110










W	LM	Optic
3000K-CRI 90		
30W	1950	15°
30W	1950	20°
30W	1950	30°
30W	1950	36°
30W	1950	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL06R-4T	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		20°		3000K	
		30°		3500K	
		36°		4000K	
		45°		5000K	



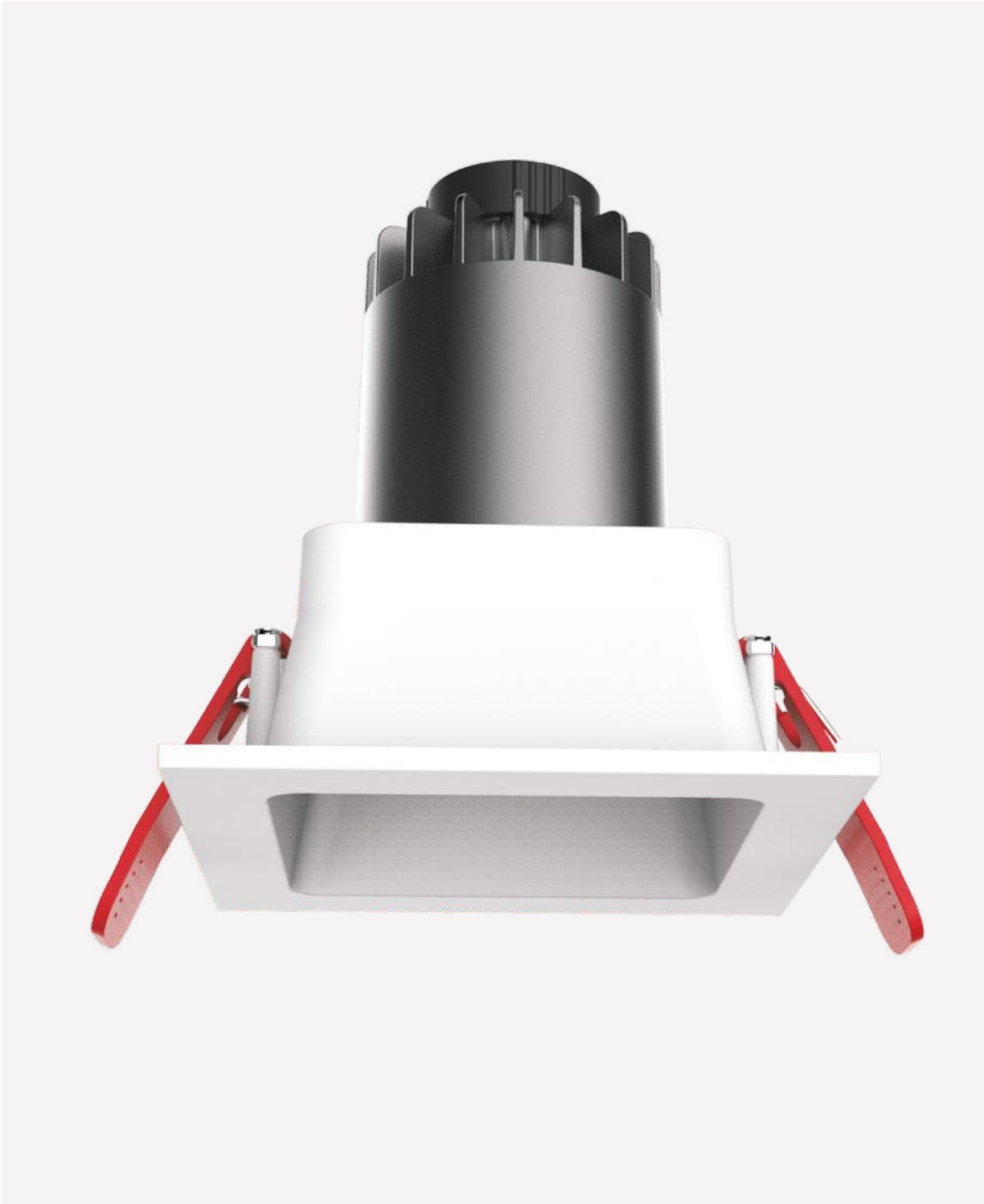
	ICL06R-3		ICL06R-4		
	8W	10W	15W	20W	30W
Optics					
 Narrow 15°	•	•	•	•	•
 Medium 20°					•
 Medium 24°	•	•	•	•	
 Wide 30°	•	•	•	•	•
 Wide 36°	•	•	•	•	•
 Flood 45°					•
 Flood 60°			•	•	
Colour					
White+Iron gray	•	•	•	•	•
Size					
90mm*100mm	•	•			
130mm*119mm			•	•	
130mm*135mm					•
Cutout					
80mm-85mm	•	•			
105mm-110mm			•	•	•
Flow obviously refers to					
2700K Ra>90	•	•	•	•	•
3000K Ra>90	•	•	•	•	•
3500K Ra>90	•	•	•	•	•
4000K Ra>90	•	•	•	•	•
5000K Ra>90	•	•	•	•	•
2700K Ra>80	•	•	•	•	•
3000K Ra>80	•	•	•	•	•
3500K Ra>80	•	•	•	•	•
4000K Ra>80	•	•	•	•	•
5000K Ra>80	•	•	•	•	•
Function					
Fixed	•	•	•	•	•
Adjustable	•	•	•	•	•
Dimming Type					
DALI	•	•	•	•	•
TRIAC	•	•	•	•	•
1-10V	•	•	•	•	•
Non dimmable	•	•	•	•	•

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ICL07 Series Downlights

Meet your diversified demand and your indoor lighting design styles.



ICL07 Series

Fixed



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Anti-glare

Anti-glare designed lamp body, shading angle≥30°,UGR

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Easy installation

Clips installation design, simple and easy installation.



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Optischer cut-off 30



IP level



Different sizes



Different color
temperatures

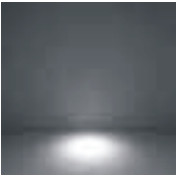


Deep anti-dazzle

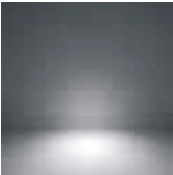
Optics



Narrow
15°



Medium
20° /24°



Wide
30° /36°



Flood
45° /60°



80*80
8W/10W

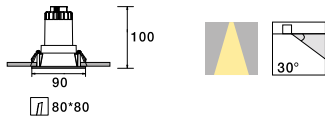
105*105
15W/20W

105*105
30W

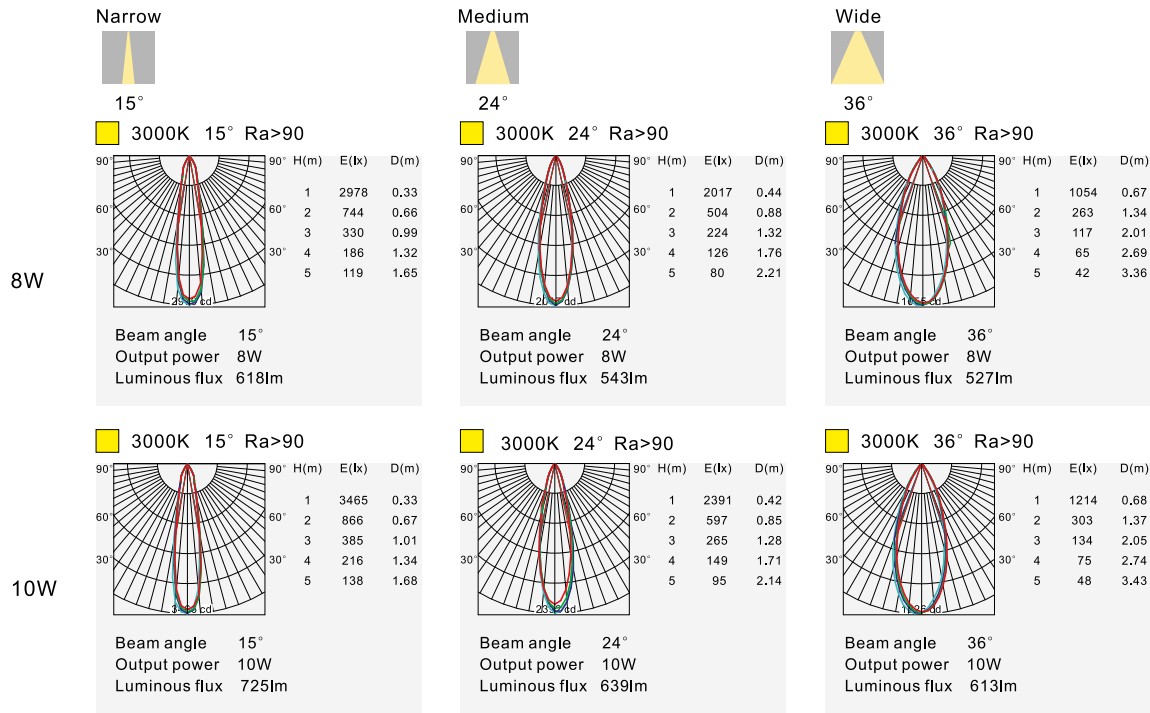
3inch Fixed 80*80



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
8W	520	15°	10W	650	15°
8W	520	24°	10W	650	24°
8W	520	30°	10W	650	30°
8W	520	36°	10W	650	36°



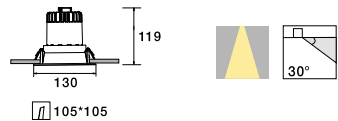
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-3F	8W 10W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		24°		3000K	
		30°		3500K	
		36°		4000K	
				5000K	



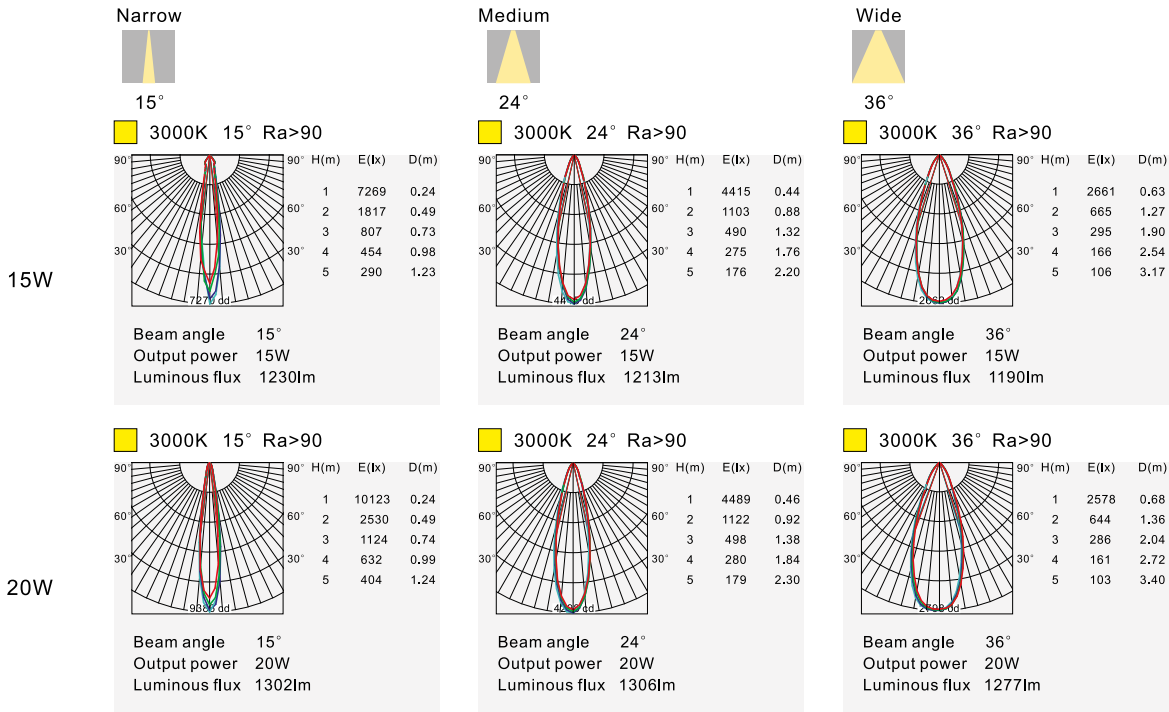
4inch Fixed 105*105



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
15W	975	15°	20W	1300	15°
15W	975	24°	20W	1300	24°
15W	975	30°	20W	1300	30°
15W	975	36°	20W	1300	36°
15W	975	60°	20W	1300	60°



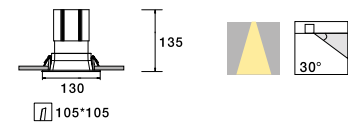
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-4F	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		24°		3000K	
		30°		3500K	
		36°		4000K	
		60°		5000K	



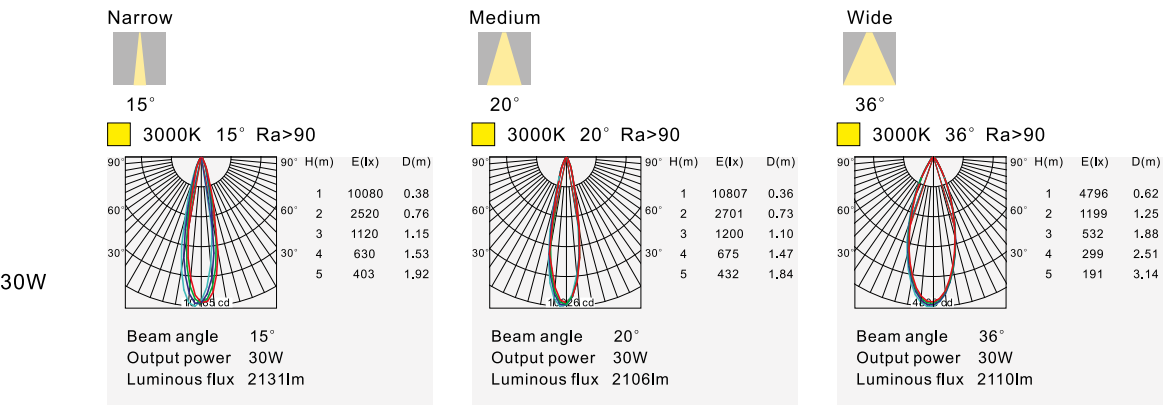
4inch Fixed 105*105



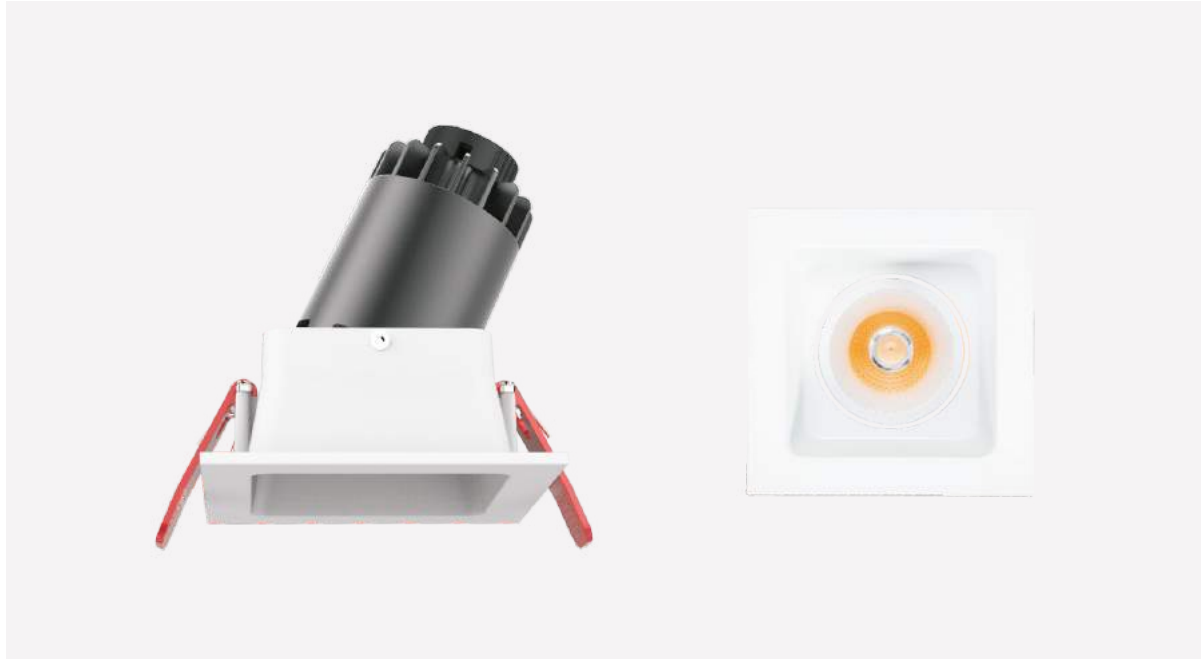
W	LM	Optic
3000K-CRI 90		
30W	1950	15°
30W	1950	20°
30W	1950	30°
30W	1950	36°
30W	1950	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-4F	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		20°		3000K	
		30°		3500K	
		36°		4000K	
		45°		5000K	



ICL07 Series Adjustable



High-performance Chip

Outstanding color rendition effect, meet the lighting demand of upscale places. 2700K/3000K/4000K,Ra>90

Cooling System

Die-casting aluminium heat sink, conducts the heat from the chip effectively,and ensure the lamp performance and long lifespan.

Adjusting Shaft Design

30°adjustable unique light blocking design, reduce lumen losses and waste.

Anti-glare

Anti-glare designed lamp body, shading angle≥30°,UGR≤19

Easy installation

Clips installation design, simple and easy installation.

High-power LED SDCM<3

Excellent thermal management

EMC - optimised

Different light distributions

DALI dimming

Different dimming

Tiltable 30°

Optischer cut-off 30°

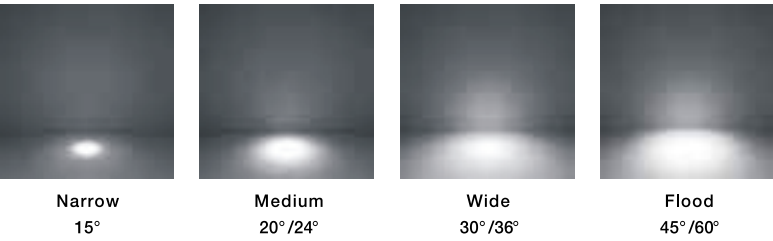
IP level

Different sizes

Different color temperatures

Deep anti-dazzle

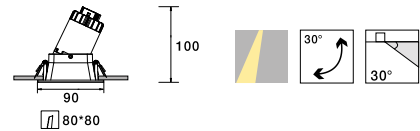
Optics



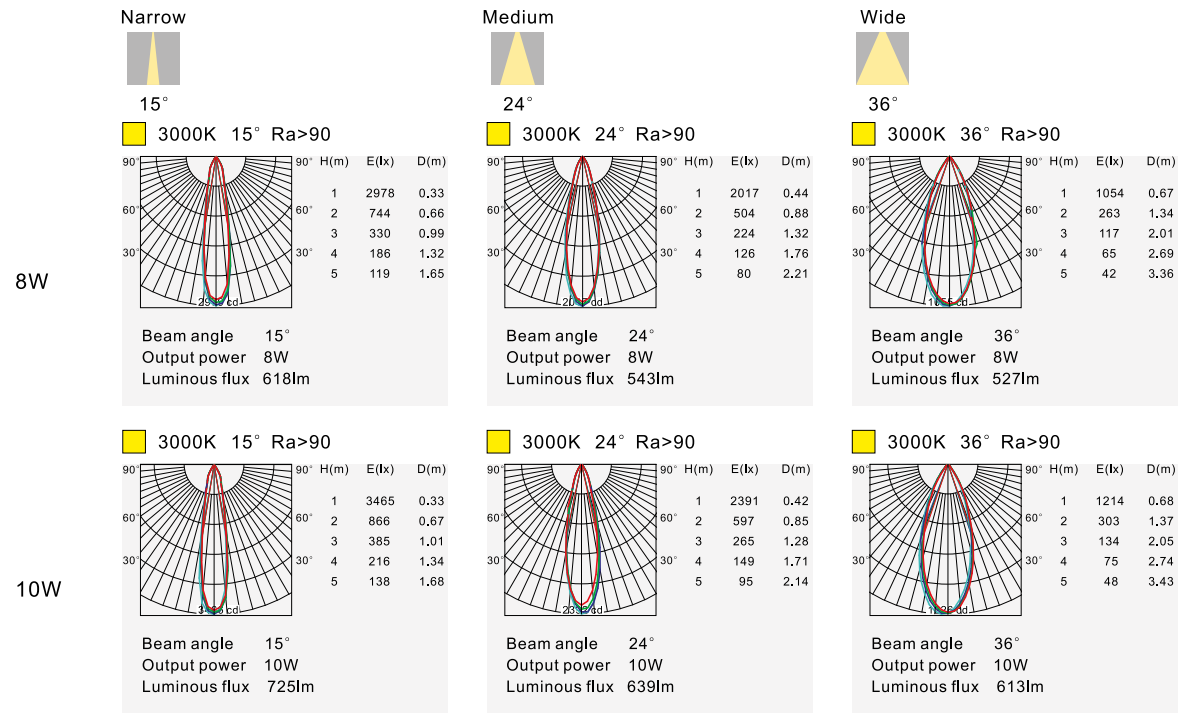
3inch Adjustable 80*80



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
8W	520	15°	10W	650	15°
8W	520	24°	10W	650	24°
8W	520	30°	10W	650	30°
8W	520	36°	10W	650	36°



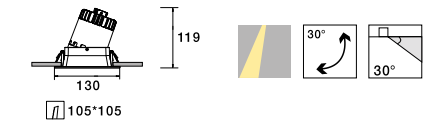
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-3T	8W	15°	TRIAC	2700K	Ra>80 Ra>90
	10W	24°	1~10V	3000K	
		30°	DALI	3500K	
		36°	Non dimmable	4000K	
				5000K	



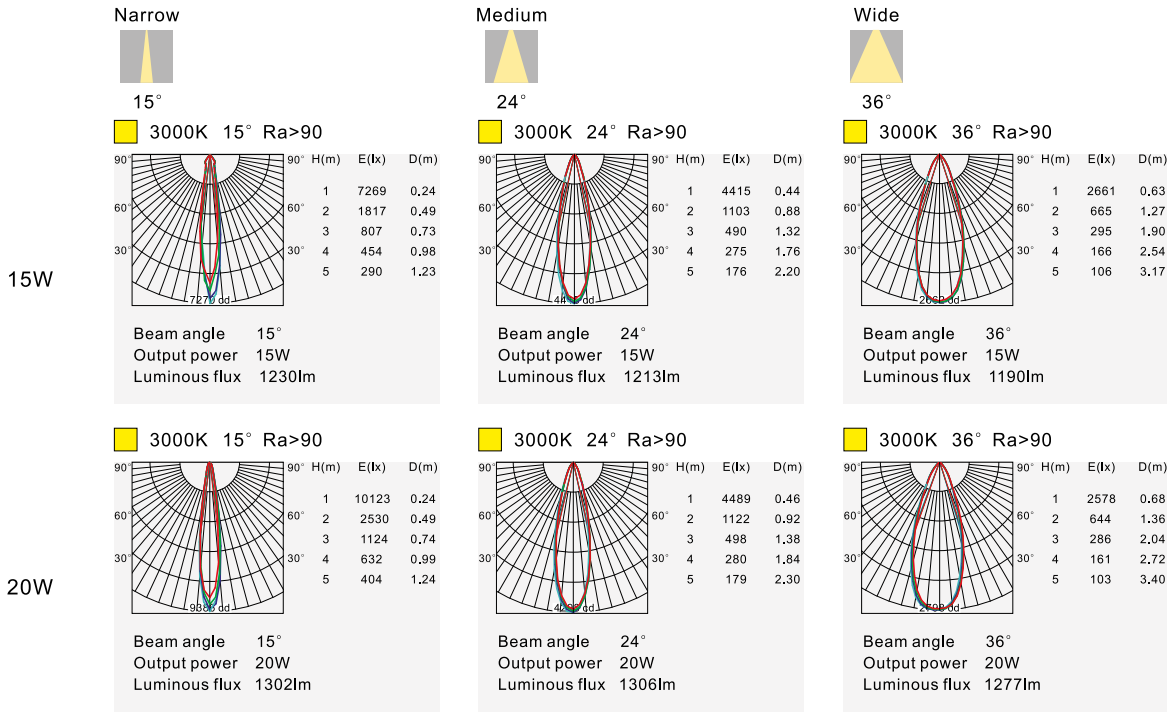
4inch Adjustable 105*105



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	975	15°	20W	1300	15°
15W	975	24°	20W	1300	24°
15W	975	30°	20W	1300	30°
15W	975	36°	20W	1300	36°
15W	975	60°	20W	1300	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-4T	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		24°		3000K	
		30°		3500K	
		36°		4000K	
		60°		5000K	



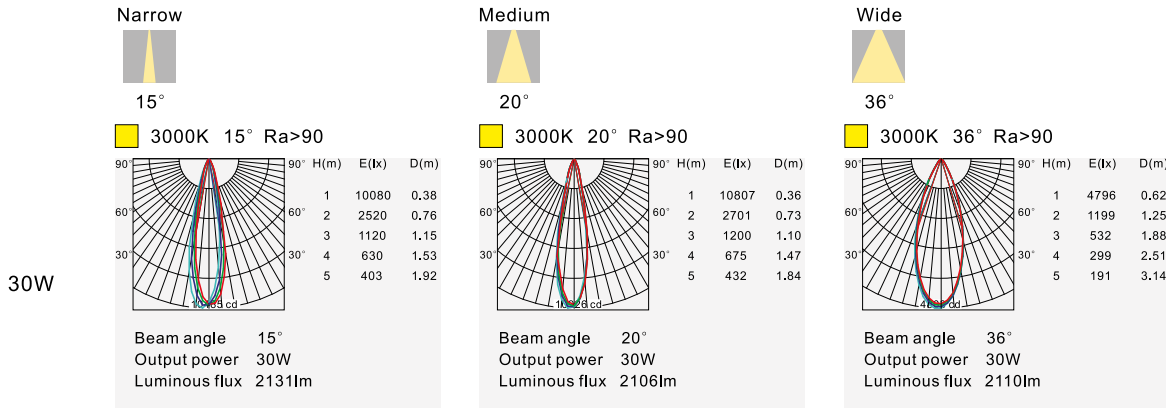
4inch Adjustable 105*105










W	LM	Optic
3000K-CRI 90		
30W	1950	15°
30W	1950	20°
30W	1950	30°
30W	1950	36°
30W	1950	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-4T	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
		20°		3000K	
		30°		3500K	
		36°		4000K	
		45°		5000K	



	ICL07R-3		ICL07R-4		
	8W	10W	15W	20W	30W
Optics					
 Narrow 15°	•	•	•	•	•
 Medium 20°					•
 Medium 24°	•	•	•	•	
 Wide 30°	•	•	•	•	•
 Wide 36°	•	•	•	•	•
 Flood 45°					•
 Flood 60°			•	•	
Colour					
White+Iron gray	•	•	•	•	•
Size					
90mm*90mm*100mm	•	•			
130mm*130mm*119mm			•	•	
130mm*130mm*135mm					•
Cutout					
80mm*80mm	•	•			
105mm*105mm			•	•	•
Flow obviously refers to					
2700K Ra>90	•	•	•	•	•
3000K Ra>90	•	•	•	•	•
3500K Ra>90	•	•	•	•	•
4000K Ra>90	•	•	•	•	•
5000K Ra>90	•	•	•	•	•
2700K Ra>80	•	•	•	•	•
3000K Ra>80	•	•	•	•	•
3500K Ra>80	•	•	•	•	•
4000K Ra>80	•	•	•	•	•
5000K Ra>80	•	•	•	•	•
Function					
Fixed	•	•	•	•	•
Adjustable	•	•	•	•	•
Dimming Type					
DALI	•	•	•	•	•
TRIAC	•	•	•	•	•
1-10V	•	•	•	•	•
Non dimmable	•	•	•	•	•

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.



IDL03 Series
IDL02 Series
IDL15 Series
IBL01 Series

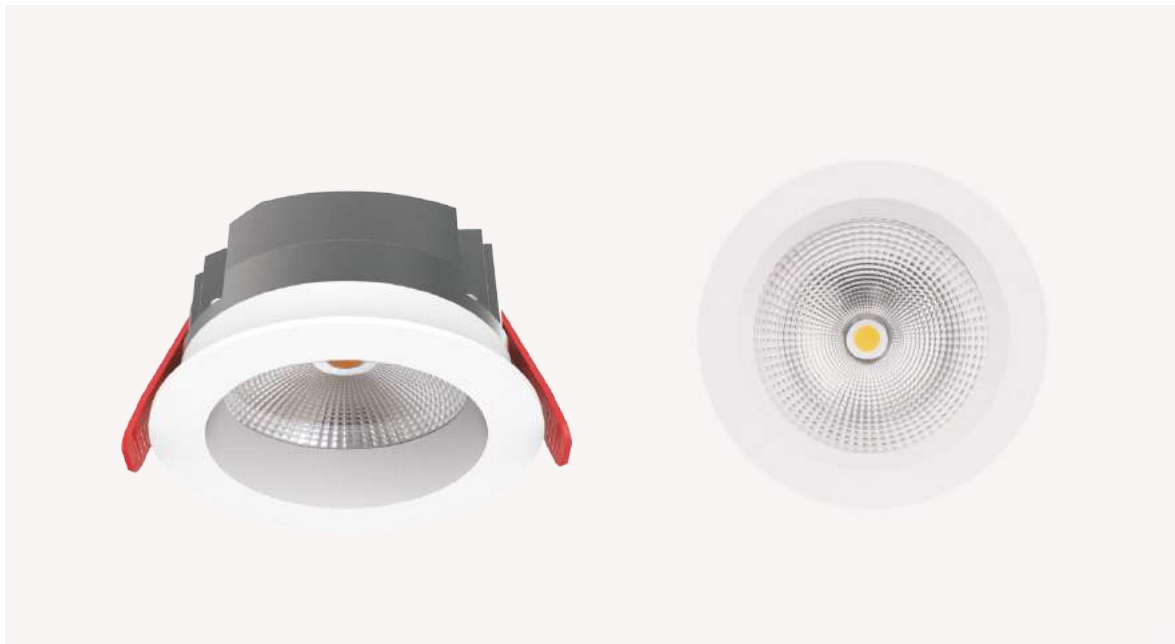
IDL03 Series Downlight

Recessed downlight, optional size 3", 4", 6", and 8".
Die-casting aluminum lamp body and face ring.
Reasonable inner structure, firm and reliable, easy for installation.
IP65 available
Application: Market / Exhibition Room/ Bars/ Shop/
Museum/Gallery/ office building etc

IP65



IDL03 Series



LED lighting source

High brightness LED SMD with Ra>80/90,the lighting efficiency of the whole lamp is more than 90lm/w

Anti-glare

Anti-glare designed lamp body, shading angle≥30°

Good performance for heat dissipation

Heat dissipation structure with die casting aluminum conduct heat effectively and quickly to guarantee the normal lifespan of the LED

Various cutout sizes

Different cutout sizes for options, to meet different needs.

Optimum material

superior PMMA transparent cover, distributing uniform luminous beam

Easy installation

The installation spring, easy to install without any auxiliary means.



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Optischer cut-off 30



IP level



Different sizes



Different color
temperatures



DALI dimming

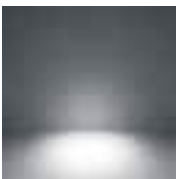


Different dimming

Optics



Wide
30°/35°



Flood
45°/60°



Wide Flood
75°/80°/85°/90°

COB IP65



SMD IP65



Lens IP20



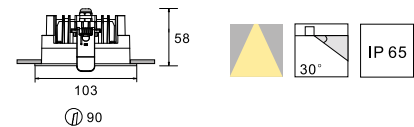


IDL03-R Series IP65

3inch 90



W	LM	Optic
3000K-CRI 80		
9W	855	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL03-R-3	9W	60°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
				3000K	
				3500K	
				4000K	
				5000K	
				6500K	

General lighting
Ambient lighting produced by wide beam light distribution

Downlight (IP65)
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
9W-50W
855lm-4750lm

General lighting
Ambient lighting produced by wide beam light distribution

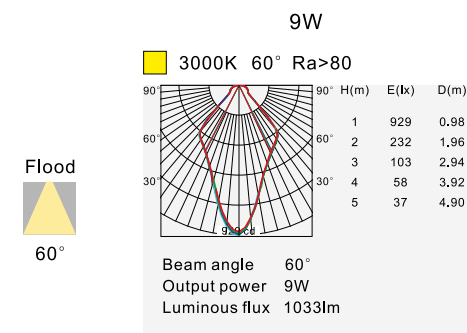
Downlight (IP65)
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
9W-50W
855lm-4750lm

General lighting
Ambient lighting produced by wide beam light distribution

Downlight (IP20)
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

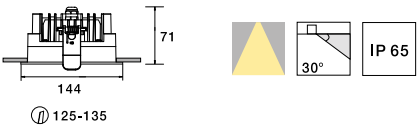
LED
9W-50W
855lm-4750lm



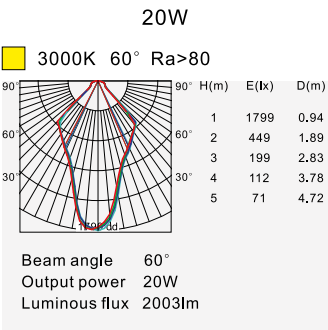
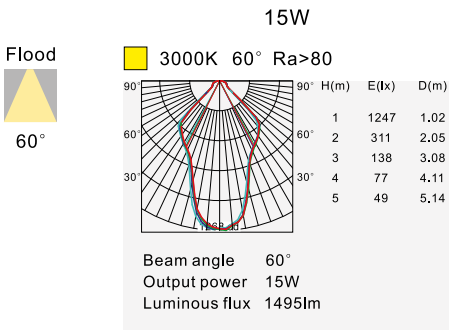
IDL03-R Series
4inch 125-135



W	LM	Optic
3000K-CRI 80		
15W	1425	60°
20W	1900	60°



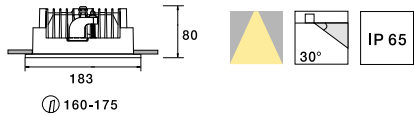
Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL03-R-4	15W 20W	60°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
				3000K	
				3500K	
				4000K	
				5000K	
				6500K	



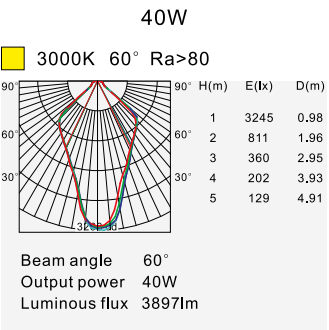
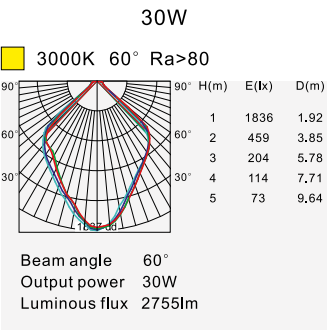
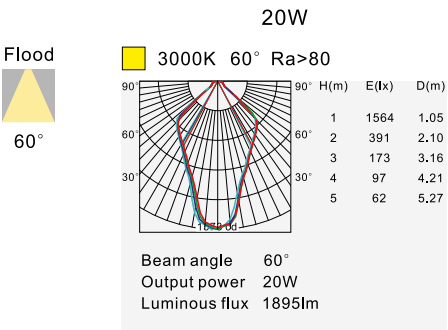
IDL03-R Series IP65
6inch 160-175



W	LM	Optic
3000K-CRI 80		
20W	1900	60°
30W	2850	60°
40W	3800	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL03-R-6	20W 30W 40W	60°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
				3000K	
				3500K	
				4000K	
				5000K	
				6500K	

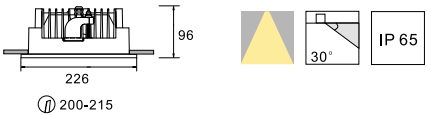


IDL03-R Series

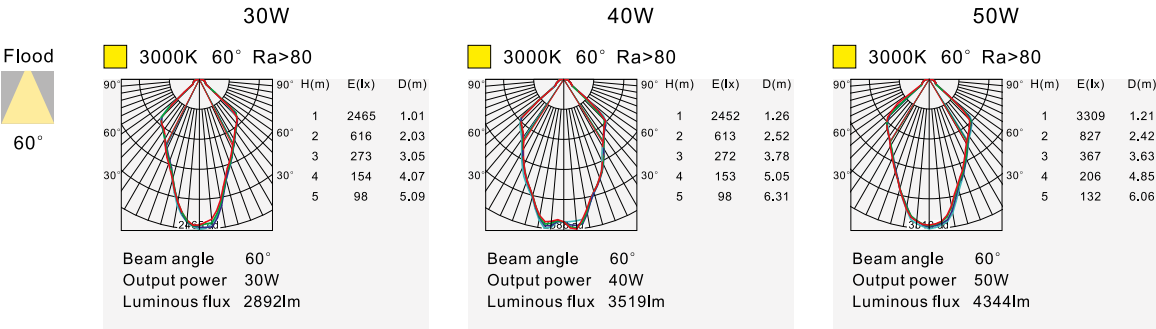
8inch 200-215



W	LM	Optic
3000K-CRI 80		
30W	2850	60°
40W	3800	60°
50W	4750	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL03-R-6	30W	60°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	40W			3000K	
	50W			3500K	
				4000K	
				5000K	
				6500K	



50W

3000K 60° Ra>80

	90°	H(m)	E(lx)	D(m)
1	90°	3.309	1.21	
2	60°	8.27	2.42	
3	30°	3.67	3.63	
4	15°	2.06	4.85	
5	7.5°	132	6.06	

Beam angle 60°
Output power 50W
Luminous flux 4344lm



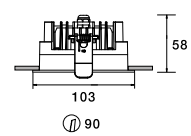
	IDL03-R-3			IDL03-R-4		IDL03-R-6		IDL03-R-8	
	9W	15W	20W	20W	30W	40W	30W	40W	50W
Optics									
Flood 60°									
Colour									
White+Iron gray									
Size									
103mm*58mm									
144mm*71mm									
183mm*80mm									
226mm*96mm									
Cutout									
90mm									
125mm-135mm									
160mm-175mm									
200mm-215mm									
Flow obviously refers to									
2700K Ra>90									
3000K Ra>90									
3500K Ra>90									
4000K Ra>90									
5000K Ra>90									
2700K Ra>80									
3000K Ra>80									
3500K Ra>80									
4000K Ra>80									
5000K Ra>80									
6500K Ra>80									
Dimming Type									
DALI									
TRIAC									
1-10V									
Non dimmable									
Notes	- Different wattages can be provided upon request - Customization for non-standard solutions in terms of light source, color, length and other specifications.								



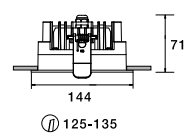
IDL03-D IP65 Series

3inch 90/4inch 125-135

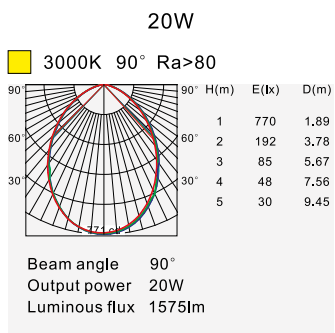
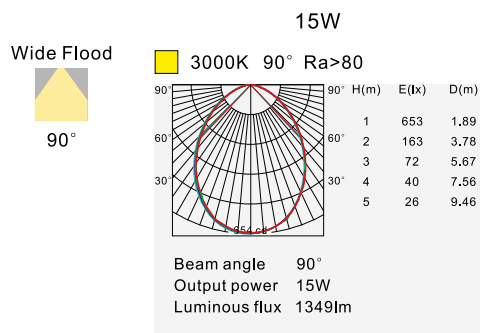
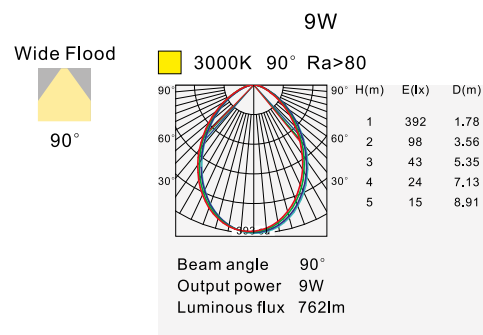


W	LM	Optic	W	LM	Optic
3000K-CRI 80					
9W	855	90°	15W	1425	90°
			20W	1900	90°





Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL03-D-3	9W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
IDL03-D-4	15W 20W			3000K 3500K 4000K 5000K 6500K	



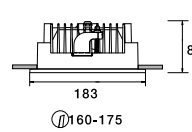




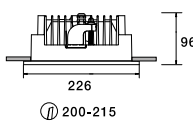
IDL03-D IP65 Series

6inch 160-175 / 8inch 200-215

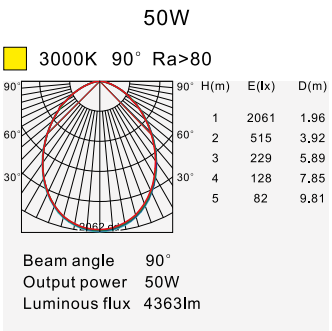
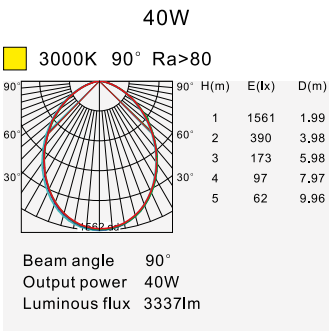
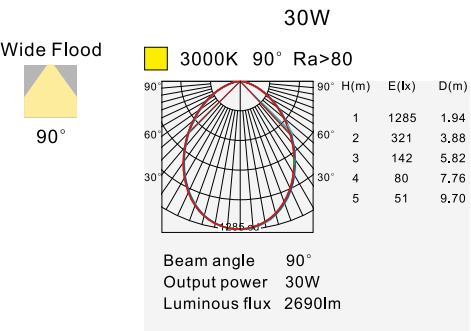
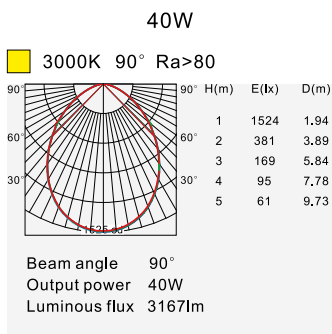
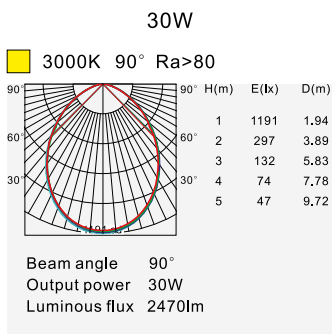
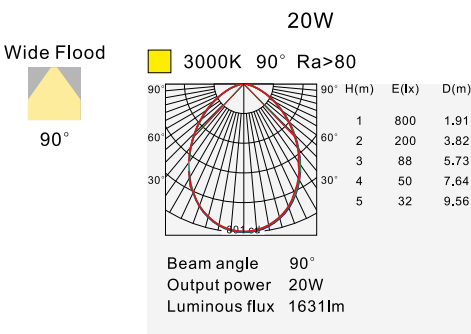



W	LM	Optic	W	LM	Optic
3000K-CRI 80					
20W	1900	90°	30W	2850	90°
30W	2850	90°	40W	3800	90°
40W	3800	90°	50W	4750	90°





Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL03-D-6	20W 30W 40W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
IDL03-D-8	30W 40W 50W			3000K 3500K 4000K 5000K 6500K	



	IDL03-D-3		IDL03-D-4		IDL03-D-6			IDL03-D-8		
	9W		15W	20W	20W	30W	40W	30W	40W	50W
Optics										
 Wide Flood 90°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Colour										
White+Iron gray	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Size										
103mm*58mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
144mm*71mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
183mm*80mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
226mm*96mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Cutout										
90mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
125mm-135mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
160mm-175mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
200mm-215mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Flow obviously refers to										
2700K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2700K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
6500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Dimming Type										
DALI	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TRIAC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
1-10V	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Non dimmable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

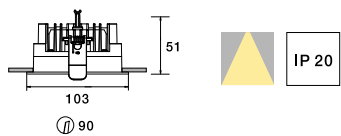


IDL03-L2 Series IP20

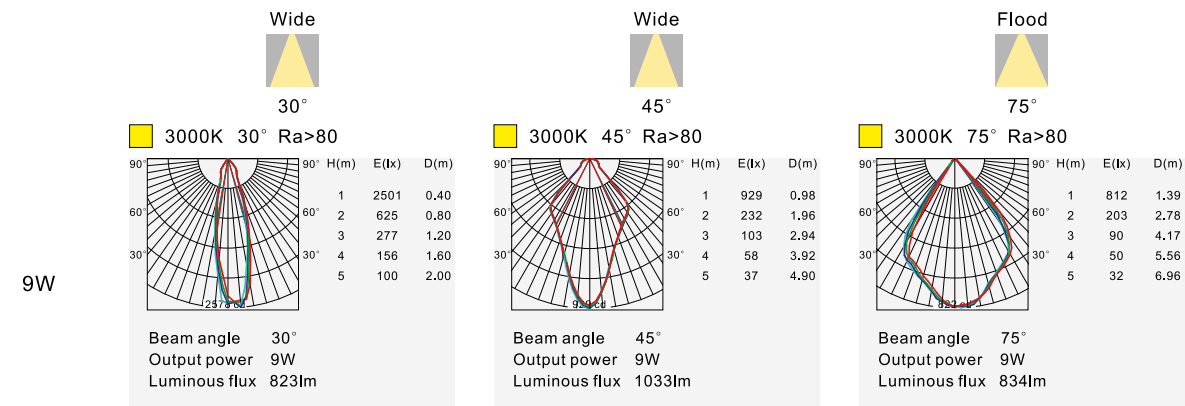
3inch 90



W	LM	Optic
3000K-CRI 80		
9W	855	30°
9W	855	45°
9W	855	75°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Reflector
IDL03-L2-3	9W	30°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	Highly specular aluminium Gold
		45°		3000K		
		45°		3500K		
		75°		4000K		
		75°		5000K		
		75°		6500K		



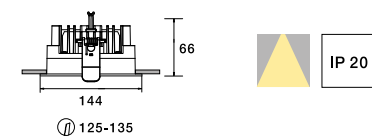
IDL03-L2 Series IP20

4inch 125-135

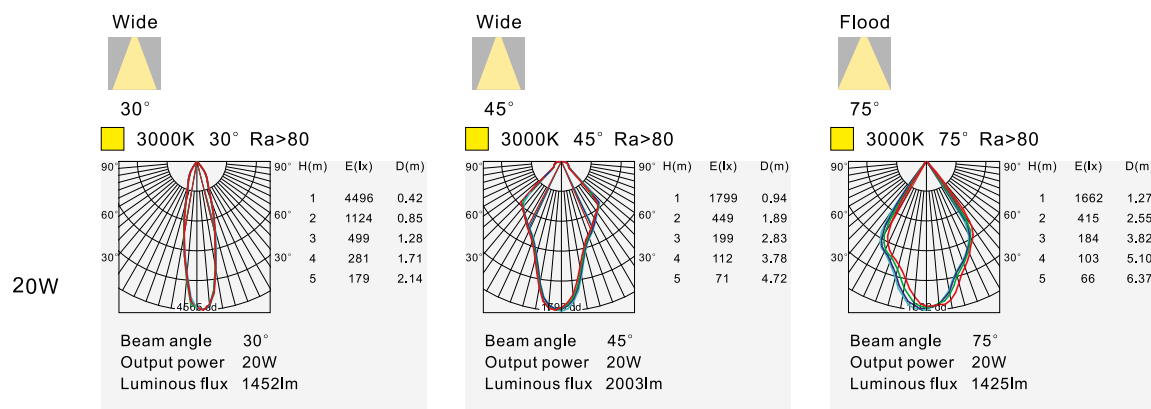


W	LM	Optic
3000K-CRI 80		
15W	1425	30°
15W	1425	45°
15W	1425	75°

W	LM	Optic
3000K-CRI 80		
20W	1900	30°
20W	1900	45°
20W	1900	75°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Reflector
IDL03-L2-4	15W 20W	30°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	Highly specular aluminium Gold
		45°		3000K		
		45°		3500K		
		75°		4000K		
		75°		5000K		
		75°		6500K		

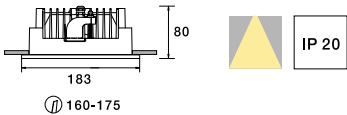


IDL03-L2 Series IP20

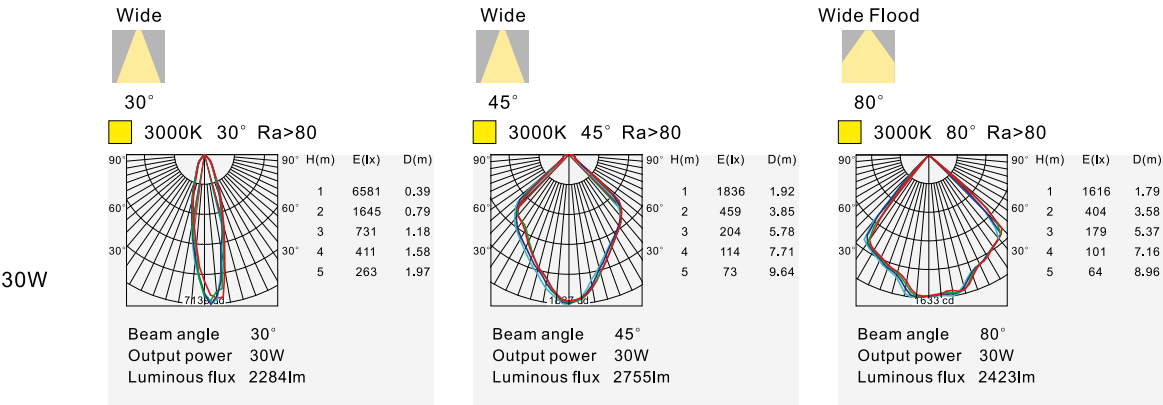
6inch 160-175



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 80			3000K-CRI 80			3000K-CRI 80		
20W	1900	30°	30W	2850	30°	40W	3800	30°
20W	1900	45°	30W	2850	45°	40W	3800	45°
20W	1900	80°	30W	2850	80°	40W	3800	80°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Reflector
IDL03-L2-6	20W	30°	TRIAC	2700K	Ra>80	Highly specular aluminium
	30W	45°	1~10V	3000K		
	30W	45°	DALI	3500K		
	40W	80°	Non dimmable	4000K		
				5000K		
				6500K		

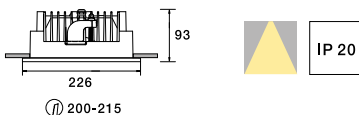


IDL03-L2 Series IP20

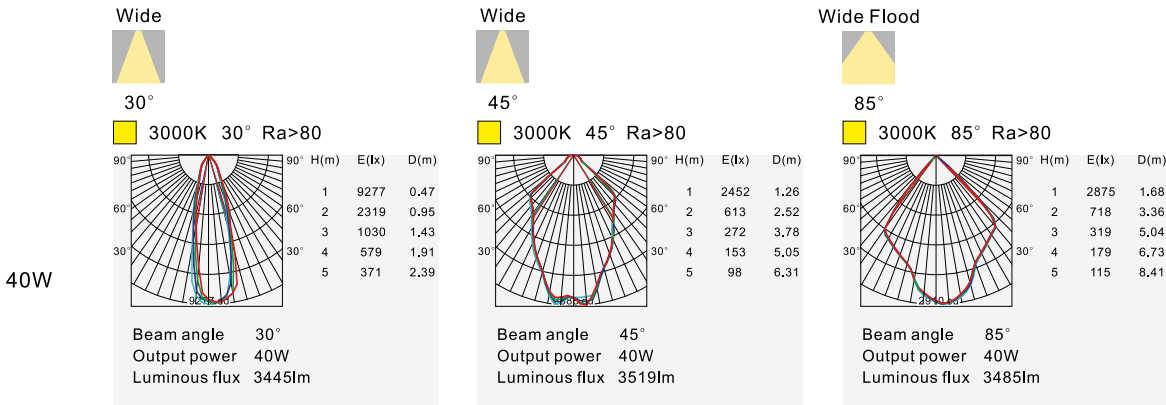
8inch 200-215











































































































































































































































































































W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 80			3000K-CRI 80			3000K-CRI 80		
30W	2850	30°	40W	3800	35°	50W	4750	35°
30W	2850	45°	40W	3800	45°	50W	4750	45°
30W	2850	80°	40W	3800	85°	50W	4750	85°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Reflector
IDL03-L2-8	30W	30°	TRIAC	2700K	Ra>80	Highly specular aluminium
	40W	35°	1~10V	3000K		
	40W	45°	DALI	3500K		
	50W	80°	Non dimmable	4000K		
		85°		5000K		
				6500K		



		IDL03-L2-3		IDL03-L2-4		IDL03-L2-6			IDL03-L2-8		
		9W		15W	20W	20W	30W	40W	30W	40W	50W
Optics											
 Wide	30°										
 Wide	35°										
 Flood	45°										
 Wide Flood	75°										
 Wide Flood	80°										
 Wide Flood	85°										
Colour											
White+Iron gray											
Size											
103mm*51mm											
144mm*66mm											
183mm*80mm											
226mm*93mm											
Cutout											
90mm											
125mm-135mm											
160mm-175mm											
200mm-215mm											
Flow obviously refers to											
2700K Ra>90											
3000K Ra>90											
3500K Ra>90											
4000K Ra>90											
5000K Ra>90											
2700K Ra>80											
3000K Ra>80											
3500K Ra>80											
4000K Ra>80											
5000K Ra>80											
6500K Ra>80											
Dimming Type											
DALI											
TRIAC											
1-10V											
Non dimmable											
Reflector surface finishes											
Highly specular aluminium											
Gold (customize)											
Reflector surface finishes											
											
											
Highly specular aluminium											
Gold (customize)											
Notes											
- Different wattages can be provided upon request											
- Customization for non-standard solutions in terms of light source, color, length and other specifications.											





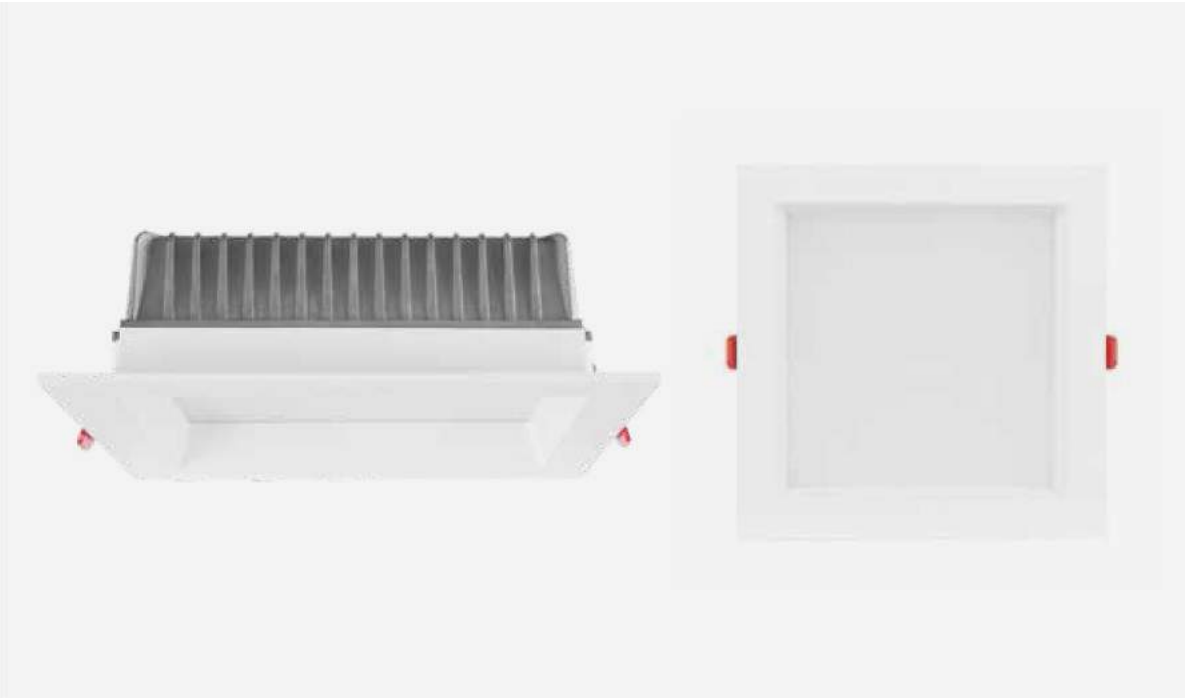
IDL02 Series Downlights

SMD LED downlight adopts Samsung and Epistar high bright SMD light source.

The applications range from commercial, retail and hospitality to residential installations.



IDL02 Series



LED lighting source

High brightnesss LED SMD with Ra>80/90,the lighting efficiency of the whole lamp is more than 85lm/w

Various cutout sizes

Different cutout sizes for options, to meet different needs.

Anti-glare

Anti-glare designed lamp body

Optimum material

superior PMMA transparent cover, distributing uniform luminous beam

Good performance for heat dissipation

Heat dissipation structure with die casting aluminum conduct heat effectively and quickly to guarantee the normal lifespan of the LED

Easy installation

The installation spring, easy to install without any auxiliary means.



High-power LED
SDCM<5



Excellent thermal
management



EMC - optimised



DALI dimming



Different dimming



IP level



Different sizes



Different color
temperatures

Optics



Wide Flood
90°



125*125
2W/15W

165*165
5W/25W/30W

200*200
25W/30W/35W

IDL02 Series
4inch 125*125 / 6inch 165*165



W	LM	Optic	W	LM	Optic
3000K-CRI 80					
12W	1020	90°	15W	1275	90°
15W	1275	90°	25W	2125	90°
			30W	2550	90°

145

125*125

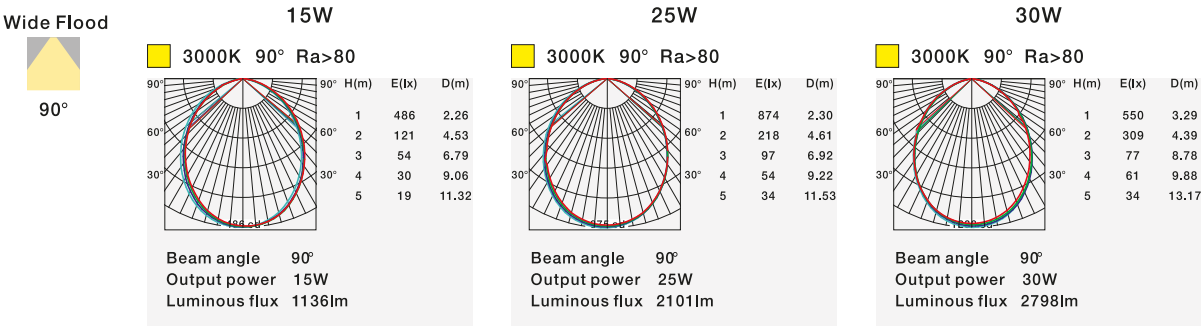
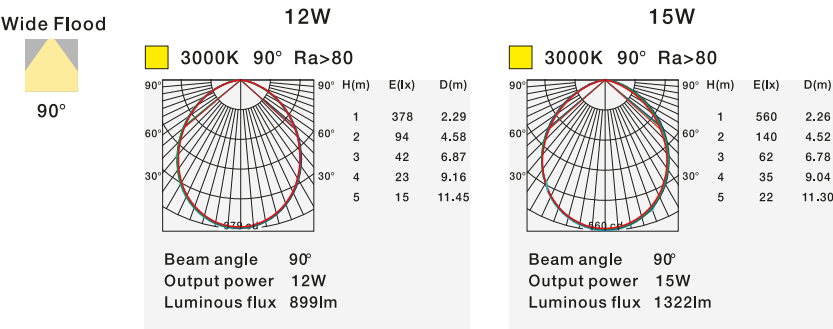
30°

190

65*165

30°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL02-4	12W	90	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	15W			3000K	
IDL02-6	15W			3500K	
	25W			4000K	
	30W			5000K	



IDL02 Series
8inch 200*200



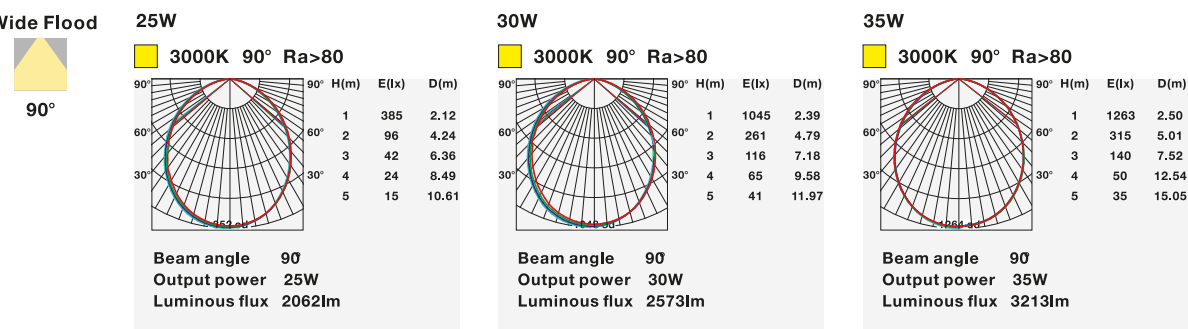
W	LM	Optic
3000K-CRI 80		
25W	2125	90°
30W	2550	90°
35W	2975	90°


230

200*200

30°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL02-8		90°	TRIAC 1~10V DALI Non dimmable	3000K 3500K 4000K 5000K	Ra>80 Ra>90



	IDL02-4		IDL02-6			IDL02-8		
	12W	15W	15W	25W	30W	25W	30W	35W
Optics								
 Wide Flood 90°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Colour								
White+Iron gray	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Size								
145mm*145mm*45mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	
190mm*190mm*58mm	<div></div>		<div></div>	<div></div>	<div></div>		<div></div>	<div></div>
230mm*230mm*62mm	<div></div>		<div></div>		<div></div>	<div></div>	<div></div>	<div></div>
Cutout								
125mm*125mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	
165mm*165mm	<div></div>		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
200mm*200mm	<div></div>		<div></div>		<div></div>	<div></div>	<div></div>	<div></div>
Flow obviously refers to								
2700K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2700K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Dimming Type								
DALI	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TRIAC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
1-10V	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Non dimmable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Notes								
- Different wattages can be provided upon request								
- Customization for non-standard solutions in terms of light source, color, length and other specifications.								

IDL15 Series

Slim Round Downlight with 3 High Features: High efficiency, reach 100lm/w; High birghtness, super enough flux; High value, widely used and little complaint downlight, ensuring your high taste demands.



IDL15 Series



1. LED lighting source

High brightnesss LED SMD with Ra>80/90,the lighting efficiency of the whole lamp is more than 85lm/w

2. Various cutout sizes

Different cutout sizes for options, to meet different needs.

3. Optimum material

superior PMMA transparent cover, distributing uniform luminous beam

4. Easy installation

The installation spring, easy to install without any auxiliary means.

5. Good performance for heat dissipation

Heat dissipation structure with die casting aluminum conduct heat effectively and quickly to guarantee the normal lifespan of the LED



High-power LED
SDCM<5



DALI dimming



Different sizes



Excellent thermal
management



Different dimming



Different color
temperatures



EMC - optimised



IP level

Optics



Flood
60°

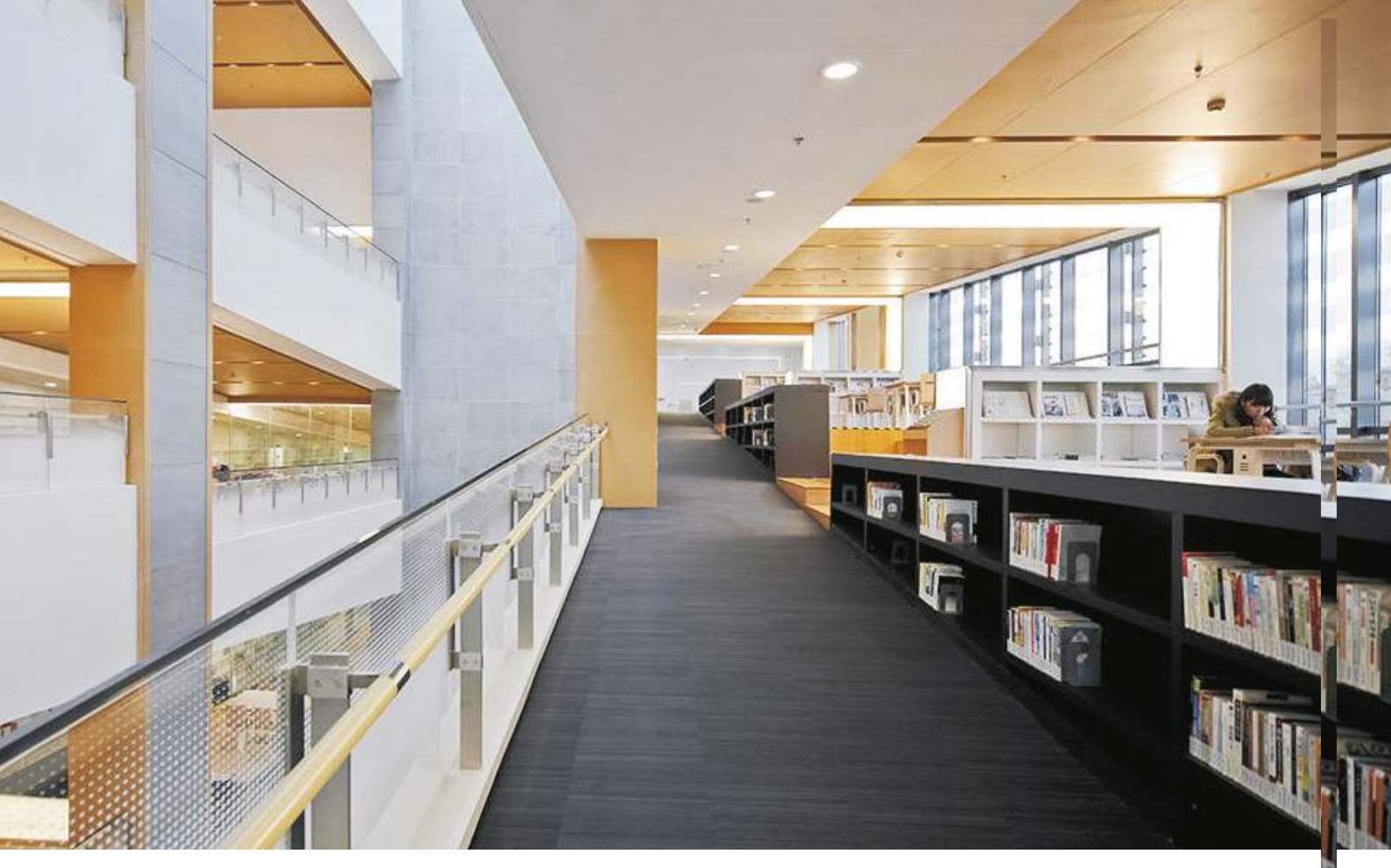
Wide Flood
90°

SMD

Ø70 5W/7W	Ø90 7W/9W/12W	Ø125 12W/15W	Ø160 12W/15W/20W/23W	Ø190 20W/23W/30W

COB

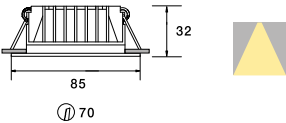
Ø90 5W/8W	Ø125 10W/15W	Ø160 20W/25W	Ø190 20W/30W



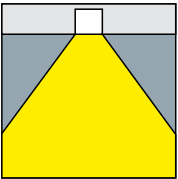
IDL15-A Slim Anti-dazzle Series 2inch 70



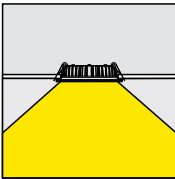
W	LM	Optic
3000K-CRI 80		
5W	425	90°
7W	595	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-A-2	5W 7W	90°	TRIAC 1~10V Non dimmable	2700K	Ra>80 Ra>90
				3000K	
				3500K	
				4000K	
				5000K	

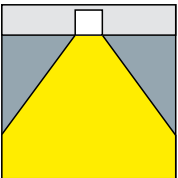


General lighting
Ambient lighting produced by wide beam light distribution

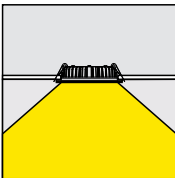


Downlight
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
5W-30W
425lm-2550lm

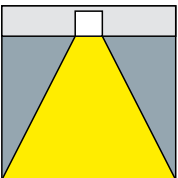


General lighting
Ambient lighting produced by wide beam light distribution

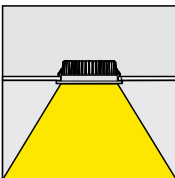


Downlight
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
5W-30W
425lm-2550lm

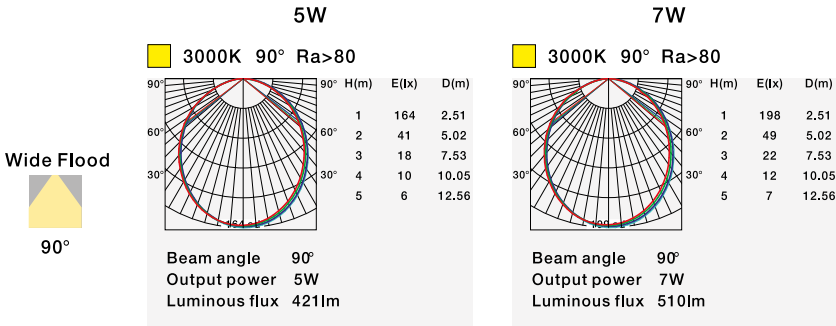


General lighting
Ambient lighting produced by wide beam light distribution



Downlight
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
5W-30W
425lm-2550lm

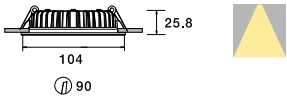


IDL15-A Slim Flat Series

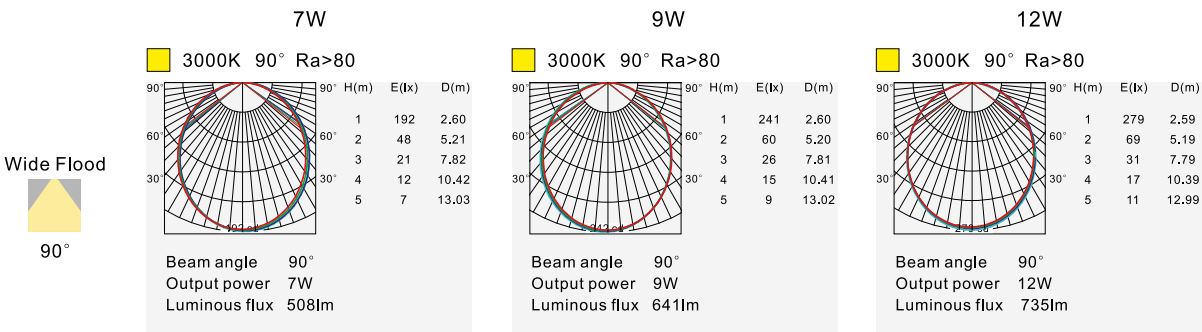
3inch 90



W	LM	Optic
3000K-CRI 80		
7W	595	90°
9W	765	90°
12W	935	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-A-3	7W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	9W			3000K	
	9W			3500K	
	12W			4000K	
	12W			5000K	

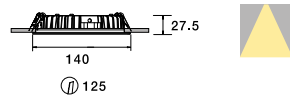


IDL15-A Slim Flat Series

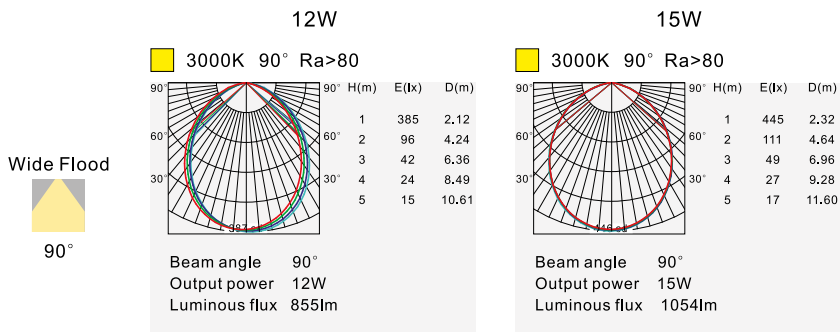
4inch 125



W	LM	Optic
3000K-CRI 80		
12W	935	90°
15W	1275	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-A-4	12W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	12W			3000K	
	15W			3500K	
	15W			4000K	
	15W			5000K	

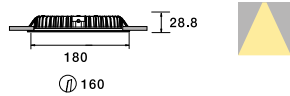


IDL15-A Slim Flat Series

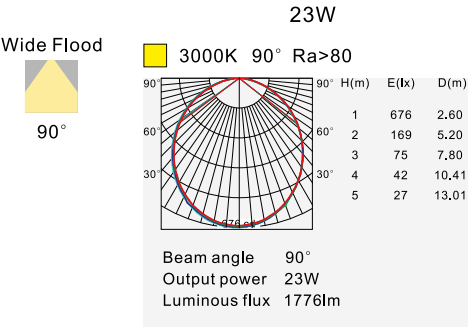
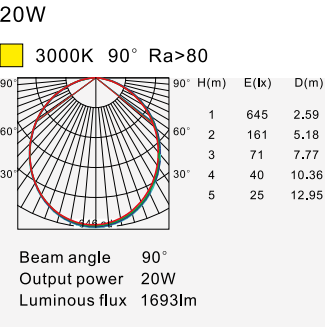
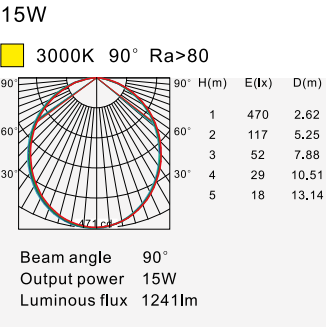
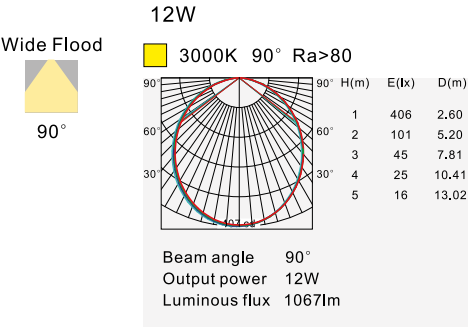
6inch 160



W	LM	Optic
3000K-CRI 80		
12W	935	90°
15W	1275	90°
20W	1700	90°
23W	1955	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-A-6	12W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	15W			3000K	
	20W			3500K	
	23W			4000K	
				5000K	

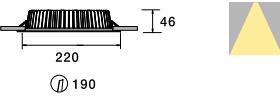


IDL15-A Slim Flat Series

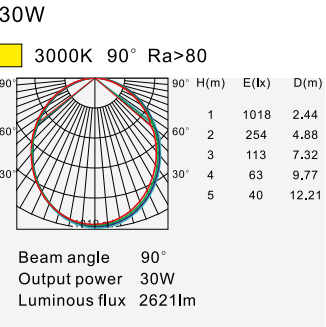
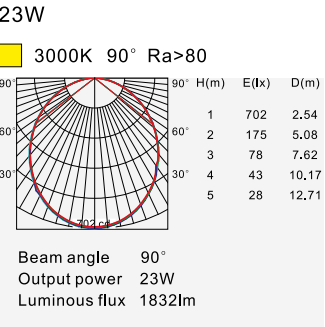
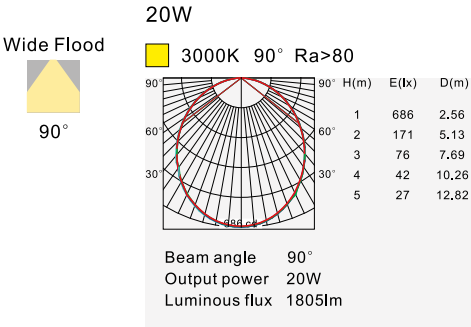
8inch 190































































































































































































































































W	LM	Optic
3000K-CRI 80		
20W	1700	90°
23W	1955	90°
30W	2550	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-A-8	20W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	23W			3000K	
	30W			3500K	
				4000K	
				5000K	



	IDL15-A-2		IDL15-A-3			IDL15-A-4		IDL15-A-6				IDL15-A-8		
	5W	7W	7W	9W	12W	12W	15W	12W	15W	20W	23W	20W	23W	30W
Optics														
 Wide Flood 90°														
Colour														
White+Iron gray														
Size														
85mm*32mm														
104mm*25.8mm														
140mm*27.5mm														
180mm*28.8mm														
220mm*46mm														
Cutout														
70mm														
90mm														
125mm														
160mm														
190mm														
2700K Ra>90														
3000K Ra>90														
3500K Ra>90														
4000K Ra>90														
5000K Ra>90														
2700K Ra>80														
3000K Ra>80														
3500K Ra>80														

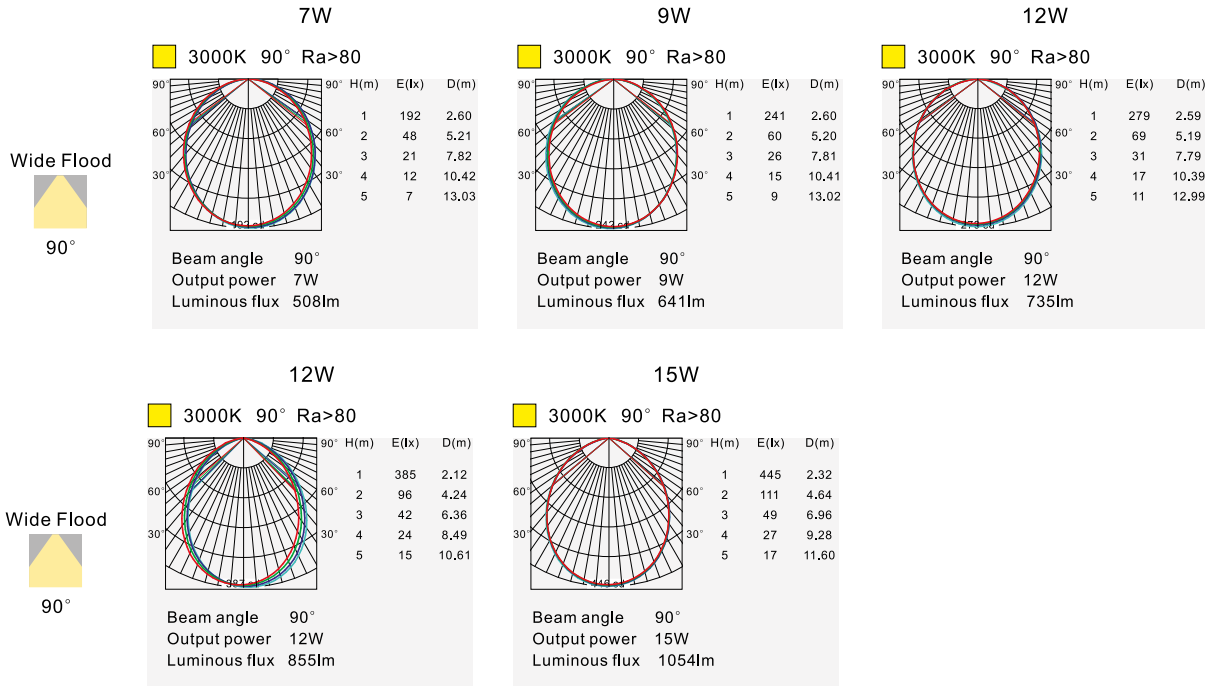
IDL15-B Slim Anti-dazzle
Series 3inch 90 /4inch 125



W	LM	Optic	W	LM	Optic
3000K-CRI 80					
7W	595	90°	12W	935	90°
9W	765	90°	15W	1275	90°
12W	935	90°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-B-3	7W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	9W			3000K	
	12W			3500K	
IDL15-B-4	12W	90°	Non dimmable	4000K	Ra>80 Ra>90
	15W			5000K	



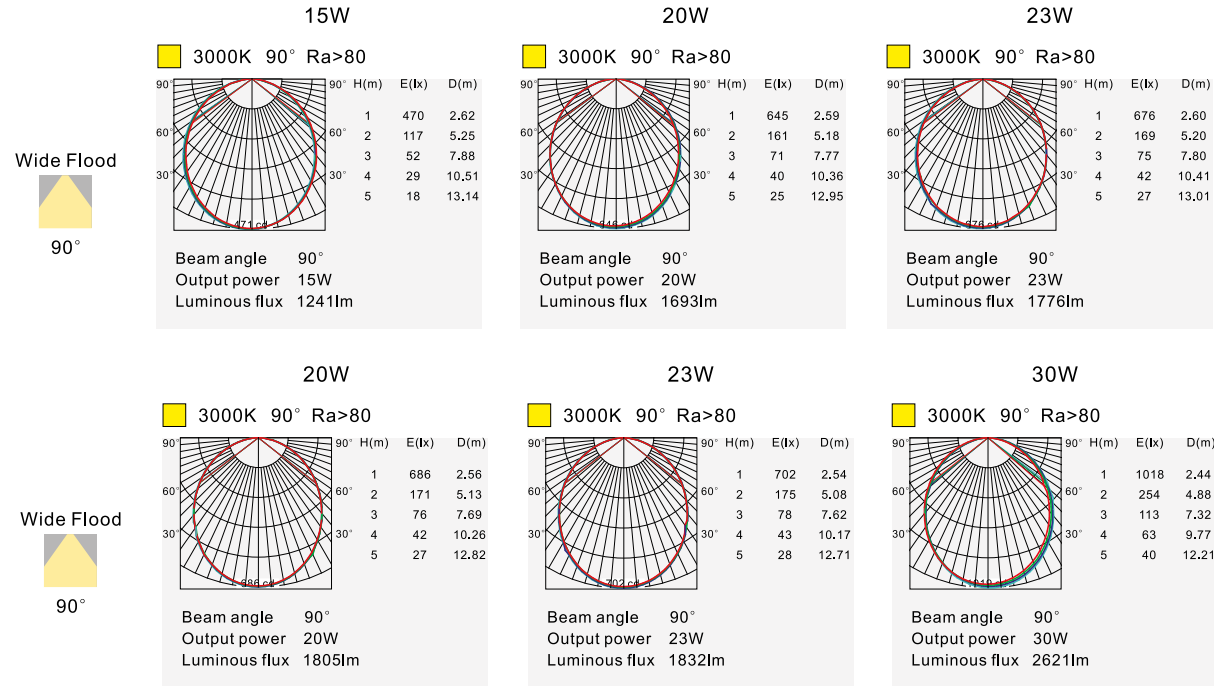
IDL15-B Slim Anti-dazzle
Series 6inch 160/8inch 190



W	LM	Optic	W	LM	Optic
3000K-CRI 80					
15W	1275	90°	20W	1700	90°
20W	1700	90°	23W	1955	90°
23W	1955	90°	30W	2550	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15-B-6	15W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
	20W			3000K	
	23W			3500K	
IDL15-B-8	20W	90°	Non dimmable	4000K	Ra>80 Ra>90
	23W			5000K	
	30W				

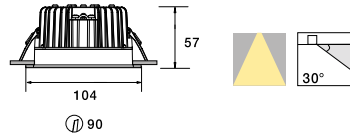


	IDL15-B-2		IDL15-B-3			IDL15-B-4		IDL15-B-6			IDL15-B-8		
	5W	7W	7W	9W	12W	12W	15W	15W	20W	23W	20W	23W	30W
Optics													
<div><div></div>Wide Flood 90°</div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Colour													
White+Iron gray	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Size													
90mm*37mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>		<div></div>		<div></div>		<div></div>
104mm*36.3mm			<div></div>	<div></div>	<div></div>			<div></div>		<div></div>		<div></div>	
140mm*38.3mm						<div></div>	<div></div>			<div></div>			
180mm*41.3mm								<div></div>	<div></div>	<div></div>			
220mm*63mm									<div></div>		<div></div>	<div></div>	<div></div>
Cutout													
70mm	<div></div>	<div></div>	<div></div>		<div></div>		<div></div>		<div></div>		<div></div>		<div></div>
90mm			<div></div>	<div></div>	<div></div>	<div></div>			<div></div>		<div></div>		<div></div>
125mm						<div></div>	<div></div>		<div></div>	<div></div>			
160mm								<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
190mm											<div></div>	<div></div>	<div></div>
Flow obviously refers to													
2700K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2700K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Dimming Type													
DALI	<div></div>		<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TRIAC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
1-10V	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Non dimmable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Notes													
<div>- Different wattages can be provided upon request</div> <div>- Customization for non-standard solutions in terms of light source, color, length and other specifications.</div>													

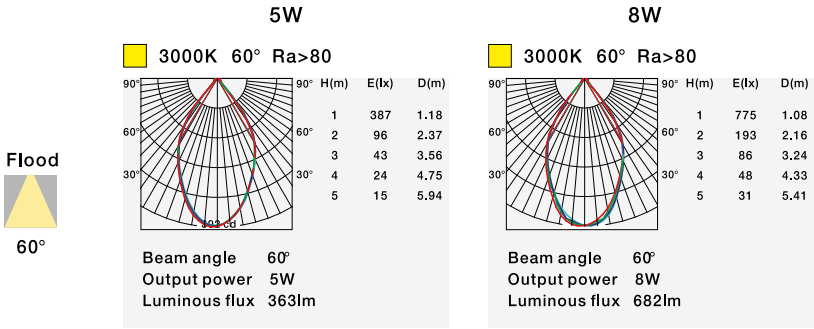
IDL15R-B Series 3inch 90



W	LM	Optic
3000K-CRI 80		
5W	425	60°
8W	640	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15R-B-3	5W 8W	60°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
				3000K	
				3500K	
				4000K	
				5000K	

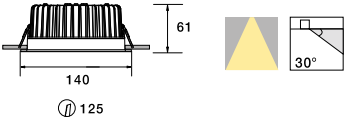


IDL15R-B Series

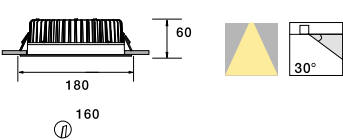
4inch 125/6inch 160



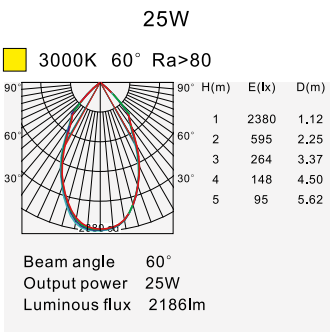
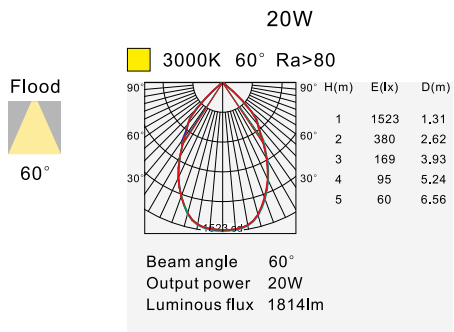
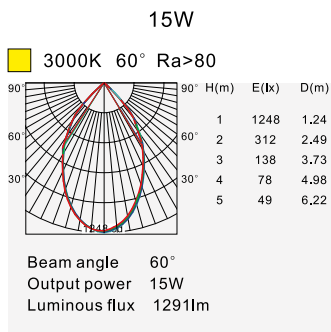
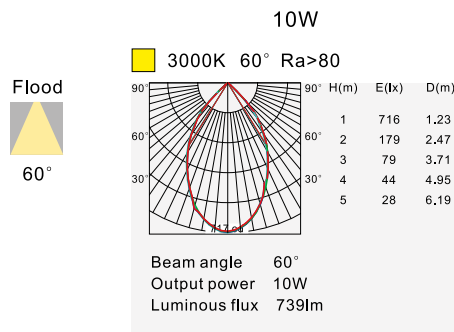
W	LM	Optic
3000K-CRI 80		
10W	850	60°
15W	1275	60°



W	LM	Optic
3000K-CRI 80		
20W	1700	60°
25W	2000	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15R-B-4	10W 15W	60°	TRIAC	2700K	Ra>80 Ra>90
IDL15R-B-6	20W		1~10V	3000K	
	25W		DALI	3500K	
			Non dimmable	4000K 5000K	

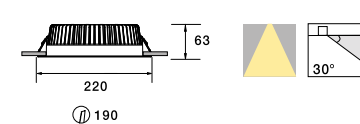


IDL15R-B Series

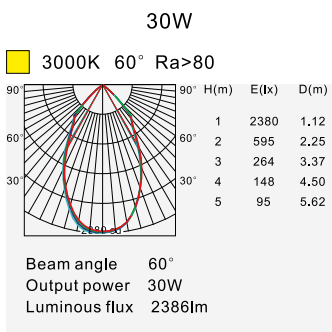
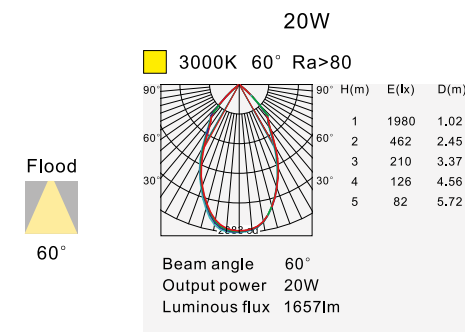
8inch 190




W	LM	Optic
3000K-CRI 80		
20W	1700	60°
30W	2550	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
DL15R-B-8	20W 30W	60°	TRIAC	2700K	Ra>80 Ra>90
			1~10V	3000K	
			DALI	3500K	
			Non dimmable	4000K	
				5000K	



	IDL15R-B-3		IDL15R-B-4		IDL15R-B-6		IDL15R-B-8	
	5W	8W	10W	15W	20W	25W	20W	30W
Optics								
 Flood 60°	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Colour								
White+Iron gray	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Size								
104mm*57mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
140mm*61mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
180mm*60mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
220mm*63mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Cutout								
90mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
125mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
160mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
190mm	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Flow obviously refers to								
2700K Ra>90	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
3000K Ra>90	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
3500K Ra>90	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
4000K Ra>90	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
5000K Ra>90	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
2700K Ra>80	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
3000K Ra>80	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
3500K Ra>80	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
4000K Ra>80	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
5000K Ra>80	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Dimming Type								
DALI	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
TRIAC	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
1-10V	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Non dimmable	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>

Notes

- Different wattages can be provided upon request

- Customization for non-standard solutions in terms of light source, color, length and other specifications.

IDL16 Series Downlights

Slim Square Downlight with 3 High Features: High efficiency, reach 100lm/w; High birghtness, super enough flux; High value, widely used and little complaint downlight, ensuring your high taste demands.



IDL16 Series



LED lighting source

High brightnesss LED SMD with Ra>80/90,the lighting efficiency of the whole lamp is more than 85lm/w

Optimum material

superior PMMA transparent cover, distributing uniform luminous beam

Good performance for heat dissipation

Heat dissipation structure with die casting aluminum conduct heat effectively and quickly to guarantee the normal lifespan of the LED

Various cutout sizes

Different cutout sizes for options, to meet different needs.

Easy installation

The installation spring, easy to install without any auxiliary means.



High-power LED
SDCM<5



Excellent thermal
management



EMC - optimised



DALI dimming



Different dimming



IP 20

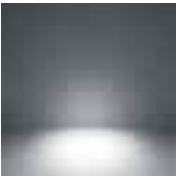


Different sizes

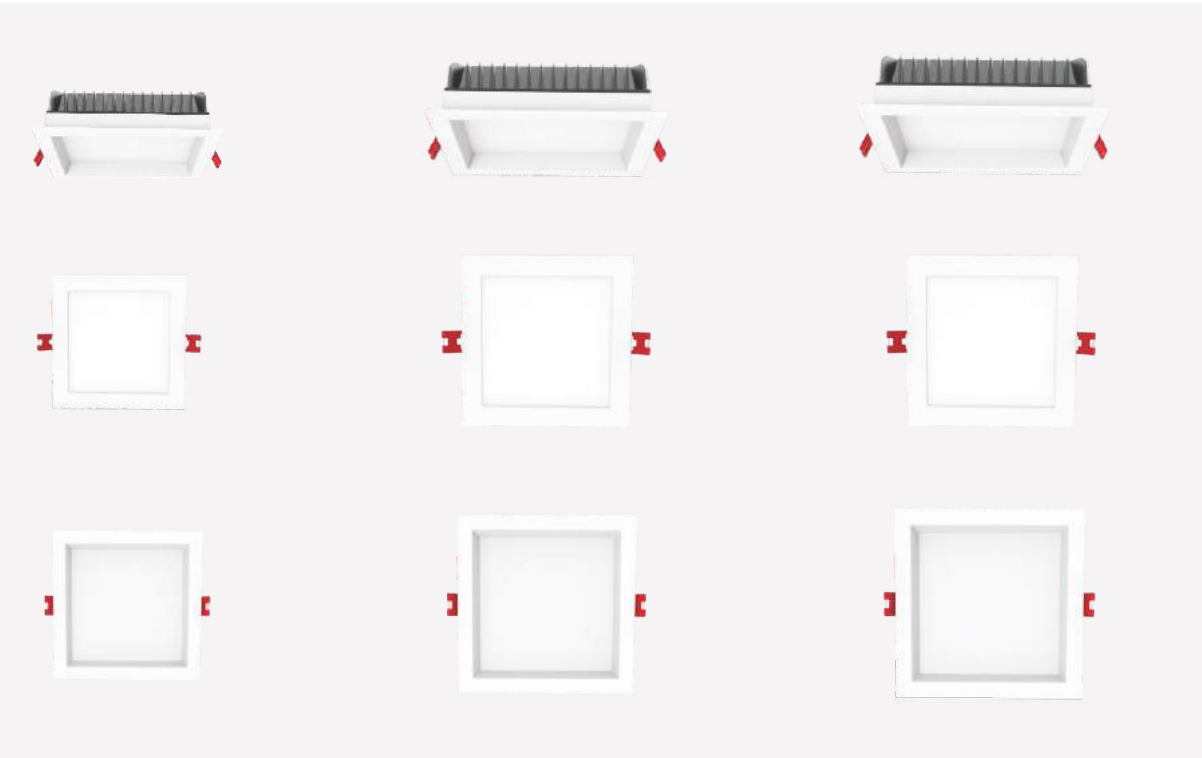


Different color
temperatures

Optics



Wide Flood
90°



90*90
7W/9W/12W

125*125
12W/15W

160*160
15W/20W/23W

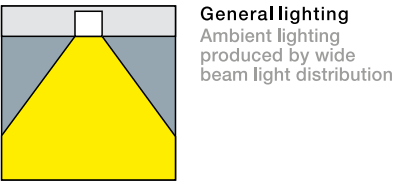
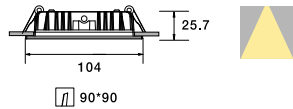


IDL16-A Slim Flat Series

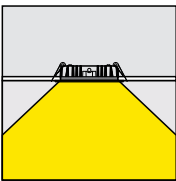
3inch 90*90



W	LM	Optic
3000K-CRI 80		
7W	595	90°
9W	765	90°
12W	935	90°

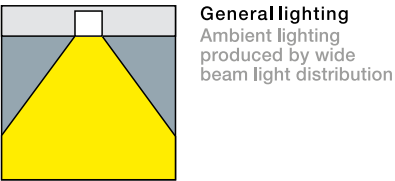


General lighting
Ambient lighting produced by wide beam light distribution

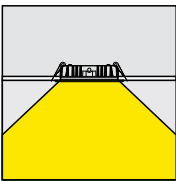


Downlight
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
7W-23W
595lm-1950lm



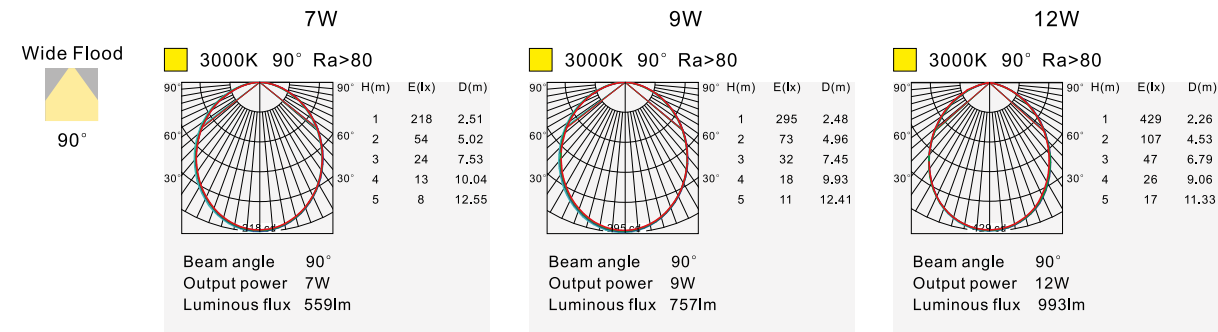
General lighting
Ambient lighting produced by wide beam light distribution



Downlight
Rotationally symmetrical or axially symmetrical wide beam light distribution for general lighting.

LED
7W-23W
595lm-1950lm

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL16-A-3	7W	90°	TRIAC	2700K	Ra>80 Ra>90
	9W		1~10V	3000K	
	12W		DALI	3500K	
			Non dimmable	4000K	
				5000K	

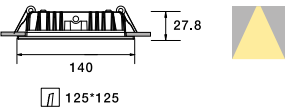


IDL16-A Slim Flat Series

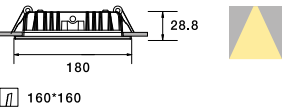
4inch 125*125 / 6inch 160*160



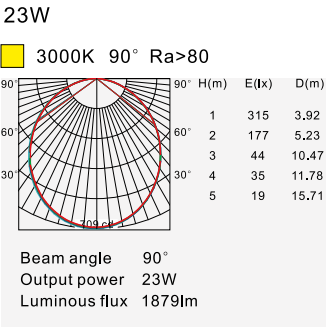
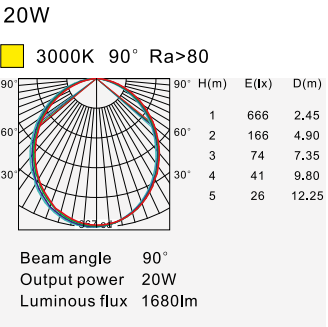
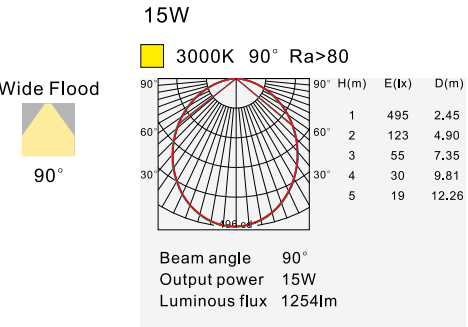
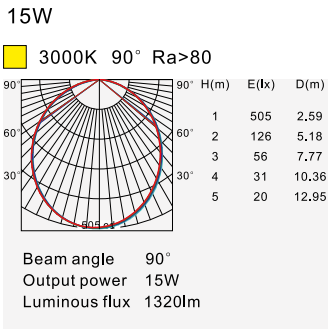
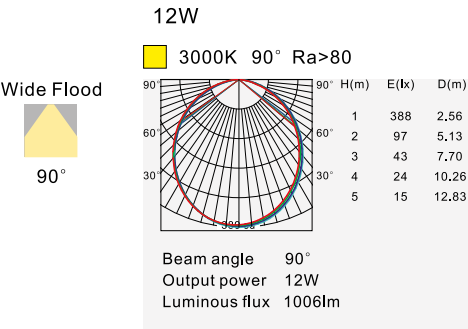
W	LM	Optic
3000K-CRI 80		
12W	935	90°
15W	1275	90°



W	LM	Optic
3000K-CRI 80		
15W	1275	90°
20W	1700	90°
23W	1955	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL16-A-4	12W 15W	90°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90
IDL16-A-6	15W			3000K	
	20W			3500K	
	23W			4000K 5000K	



	IDL16-A-3			IDL16R-A-4		IDL16-A-6		
	7W	9W	12W	12W	15W	15W	20W	23W
Optics								
Wide Flood 90°								
Colour								
White+Iron gray								
Size								
104mm*104mm*25.7mm								
140mm*140mm*27.8mm								
180mm*180mm*28.8mm								
Cutout								
90mm*90mm								
125mm*125mm								
160mm*160mm								
Flow obviously refers to								
2700K Ra>90								
3000K Ra>90								
3500K Ra>90								
4000K Ra>90								
5000K Ra>90								
2700K Ra>80								
3000K Ra>80								
3500K Ra>80								
4000K Ra>80								
5000K Ra>80								
Dimming Type								
DALI								
TRIAC								
1-10V								
Non dimmable								

Notes

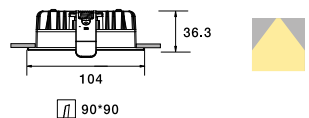
- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

IDL16-B Slim Anti-dazzle Series

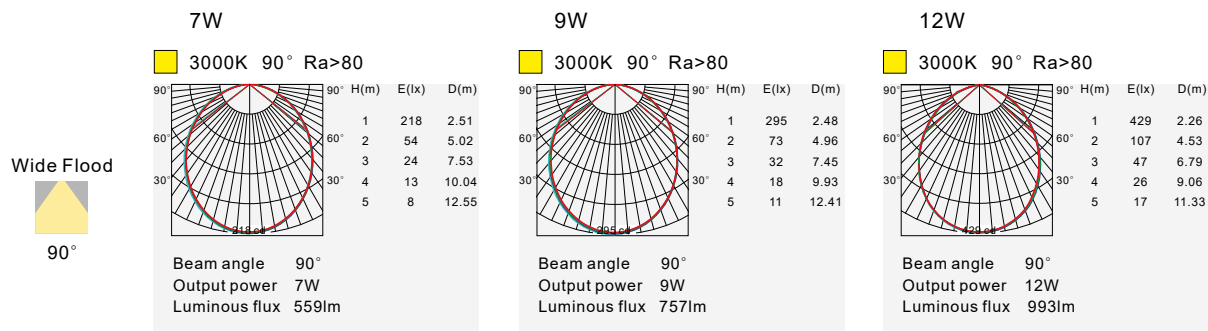
3inch 90*90



W	LM	Optic
3000K-CRI 80		
7W	595	90°
9W	765	90°
12W	935	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL16-B-3	7W	90°	TRIAC	2700K	Ra>80 Ra>90
	9W		1~10V	3000K	
	12W		DALI	3500K	
			Non dimmable	4000K	
				5000K	

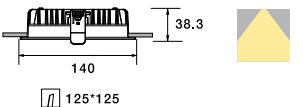


IDL16-B Slim Anti-dazzle Series

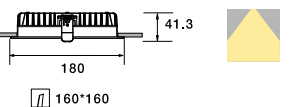
4inch 125*125 / 6inch 160*160



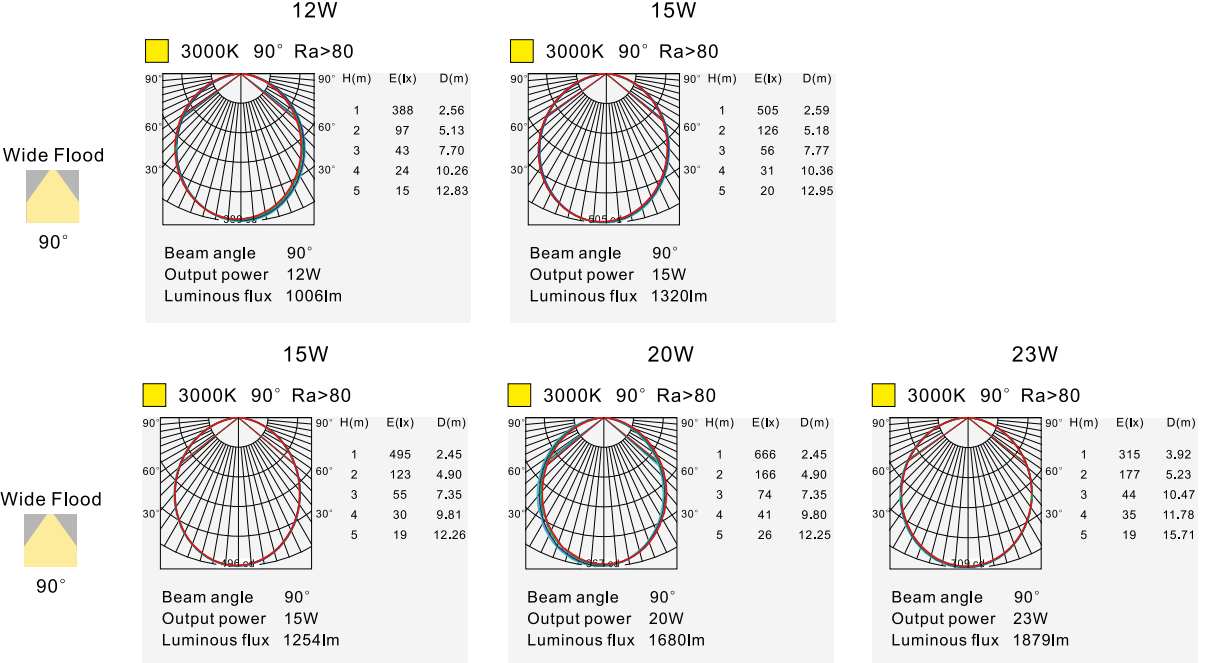
W	LM	Optic
3000K-CRI 80		
12W	935	90°
15W	1275	90°




W	LM	Optic
3000K-CRI 80		
15W	1275	90°
20W	1700	90°
23W	1955	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL16-B-4	12W	90°	TRIAC	2700K	Ra>80 Ra>90
	15W		1~10V	3000K	
IDL16-B-6	15W		DALI	3500K	
	20W		Non dimmable	4000K	
	23W			5000K	



	IDL16-B-3			IDL16R-B-4		IDL16-B-6		
	7W	9W	12W	12W	15W	15W	20W	23W
Optics								
 Wide Flood 90°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Colour								
White+Iron gray	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Size								
104mm*104mm*36.3mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
140mm*140mm*38.3mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
180mm*180mm*41.3mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Cutout								
90mm*90mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
125mm*125mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
160mm*160mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Flow obviously refers to								
2700K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2700K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
5000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Dimming Type								
DALI	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TRIAC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
1-10V	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Non dimmable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.



Narrow-trim Semi-closed Grille Light

Multiple versions embrace the concept of innovation with a good performance,uniqueness, durability and versatility; highlighting the charcteristics of IINNO's grille light.



IBL03 Narrow-trim Semi-closed Grille Light



High-performance Chip

By using a high quality and high efficiency led chip with Ra>90

Adjusting Shaft Design

350° horizontal rotation, 25° rotation from the left to the right, accurate adjusted angle.

Easy installation

The installation clips protect the ceiling and offer a convenient and easy installation

Cooling System

The patented heat sink with "breath design" ensures ample heat dissipation

Anti-glare

Anti-glare designed lamp body, shading angle≥30°



High-power LED
SCDM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Deep anti-dazzle



Optischer cut-off 30°



Tilttable 25°



Horizontal 350°



IP level



Different color
temperatures

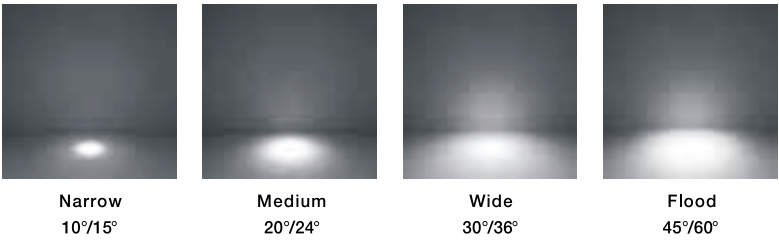


Different housing
colours



Different sizes

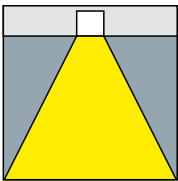
Optics



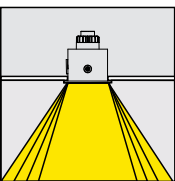
82*82/112*112
10W/15W/20W/30W

162*82/222*112
20W/30W/40W/60W

242*82/332*112
30W/45W/60W/90W

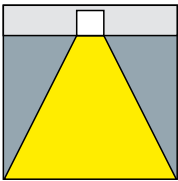


General lighting
Ambient lighting
produced by wide
beam light distribution

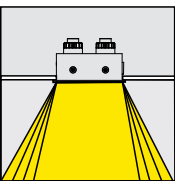
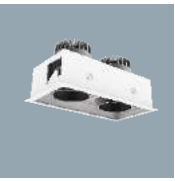


Grille Light
Narrow to very wide beam ,
rotationally symmetrical light
distribution for general lighting.

LED
10W-30W
650lm-1950lm

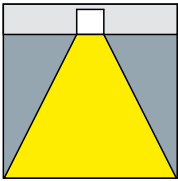


General lighting
Ambient lighting
produced by wide
beam light distribution

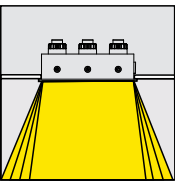
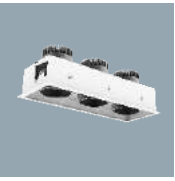


Grille Light
Narrow to very wide beam ,
rotationally symmetrical light
distribution for general lighting.

LED
20W-60W
1300lm-3900lm



General lighting
Ambient lighting
produced by wide
beam light distribution



Grille Light
Narrow to very wide beam ,
rotationally symmetrical light
distribution for general lighting.

LED
30W-90W
1950lm-5850lm

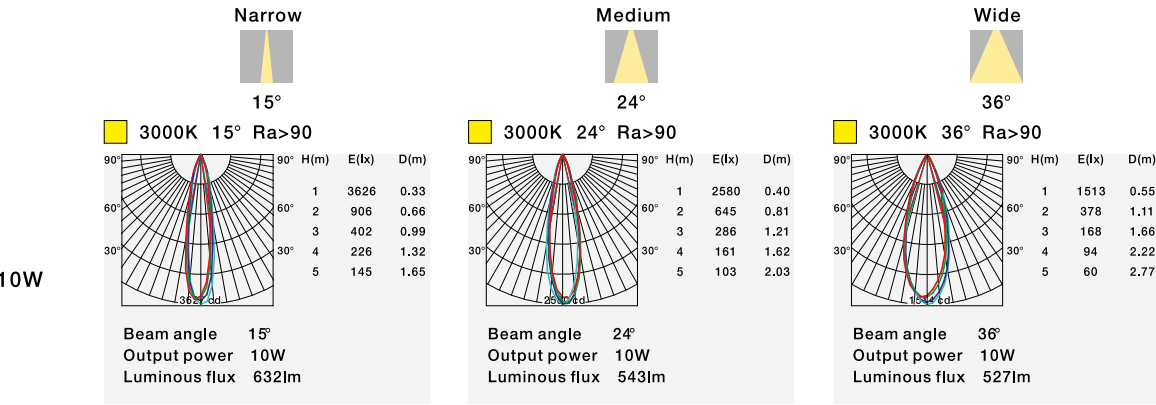
3inch Single head 82*82



W	LM	Optic
3000K-CRI 90		
10W	650	10°
10W	650	15°
10W	650	24°
10W	650	30°
10W	650	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B1-3	10W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	White+Iron gray Black+Iron gray Iron gray
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



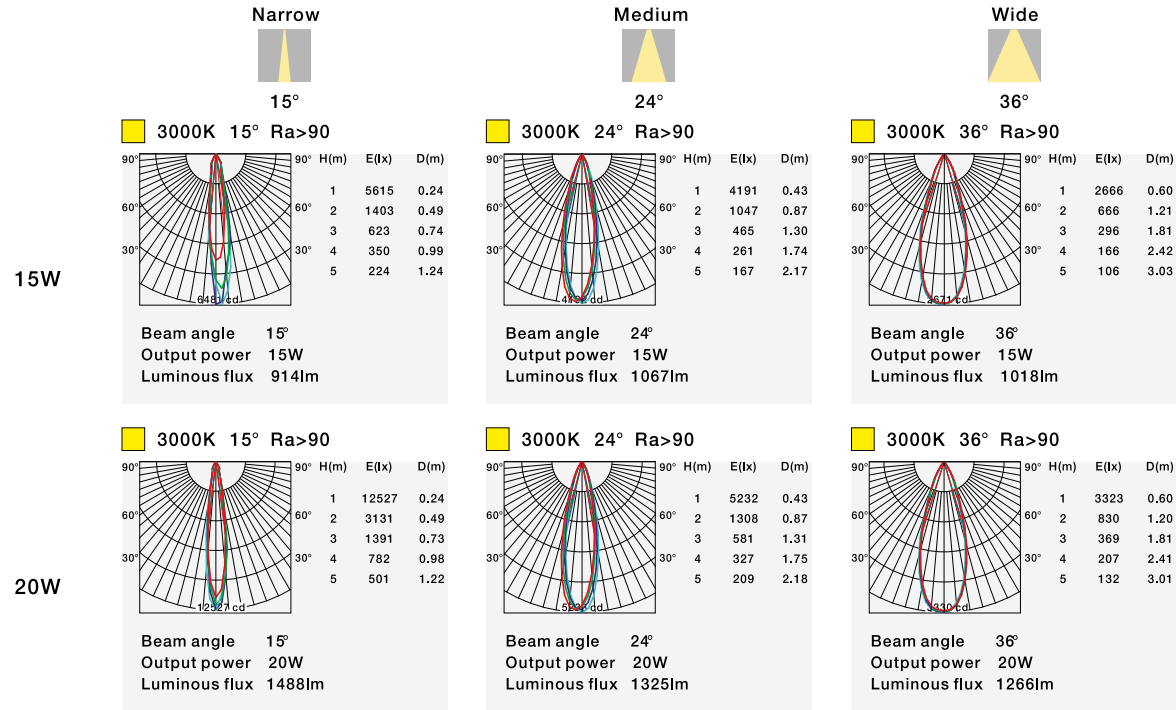
4inch Single head 112*112



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
15W	975	15°	20W	1300	15°
15W	975	24°	20W	1300	24°
15W	975	30°	20W	1300	30°
15W	975	36°	20W	1300	36°
15W	975	60°	20W	1300	60°



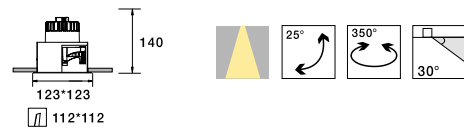
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B1-4	15W 20W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	White+Iron gray Black+Iron gray Iron gray
		24°		3000K		
		30°		3500K		
		36°		4000K		
		60°		5000K		



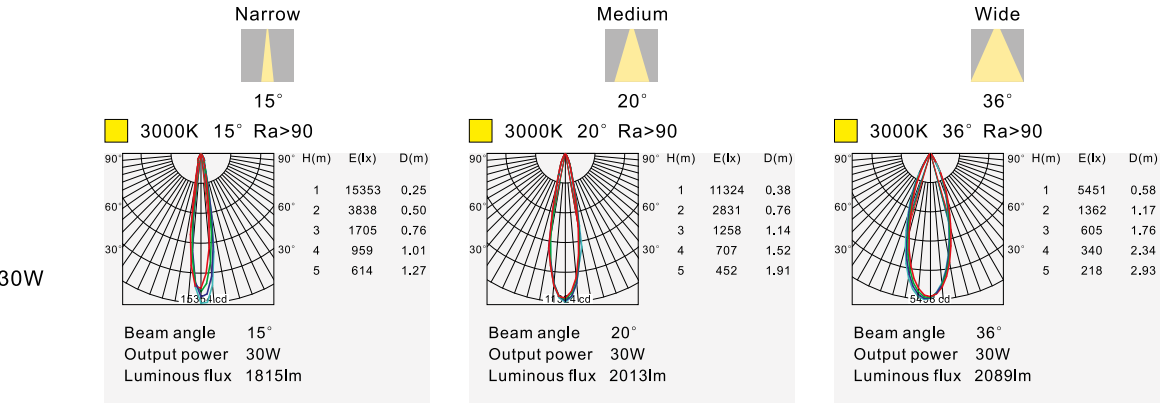
4inch Single head 112*112



W	LM	Optic
3000K-CRI 90		
30W	1950	15°
30W	1950	20°
30W	1950	30°
30W	1950	36°
30W	1950	45°



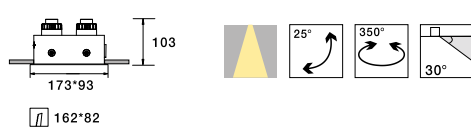
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B1-4	30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



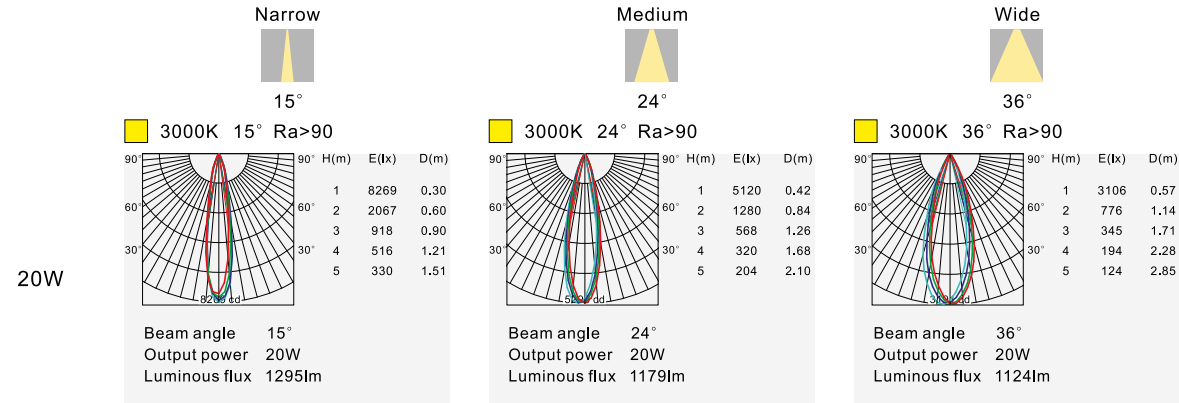
3inch Double head 162*82



W	LM	Optic
3000K-CRI 90		
20W	1300	10°
20W	1300	15°
20W	1300	24°
20W	1300	30°
20W	1300	36°



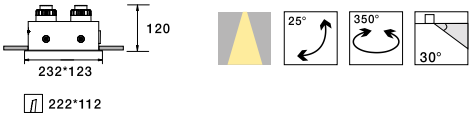
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B2-3	20W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



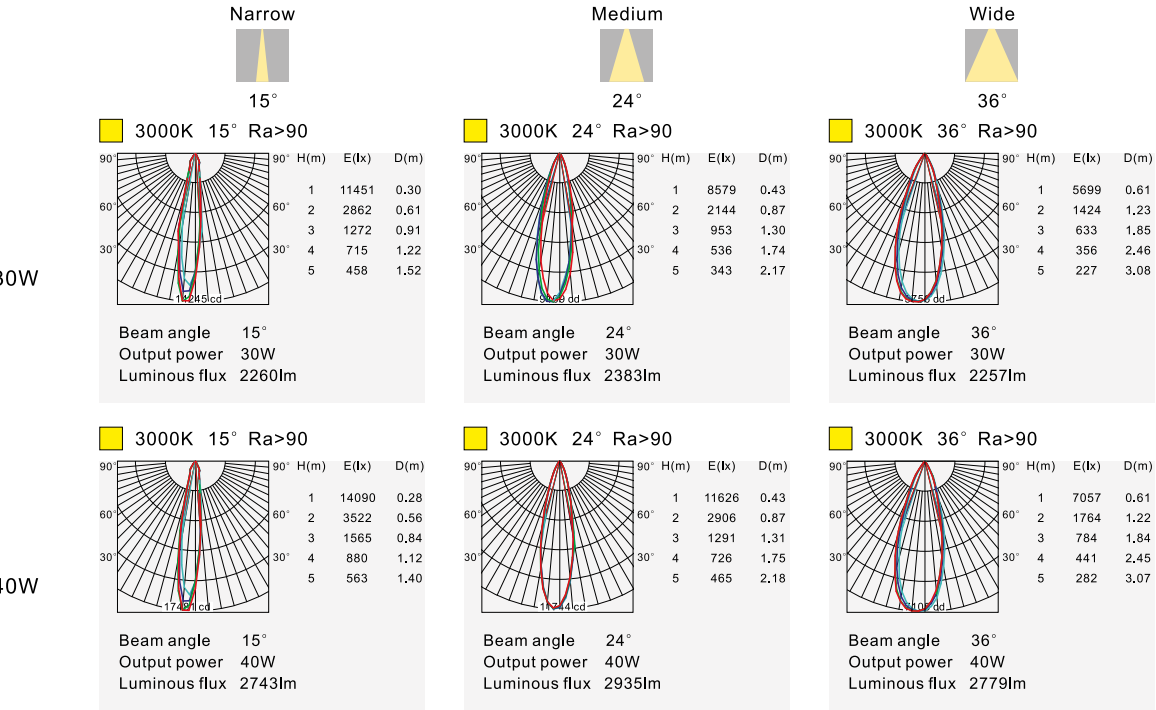
4inch Double head 222*112



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	1950	15°	40W	2600	15°
30W	1950	24°	40W	2600	24°
30W	1950	30°	40W	2600	30°
30W	1950	36°	40W	2600	36°
30W	1950	60°	40W	2600	60°



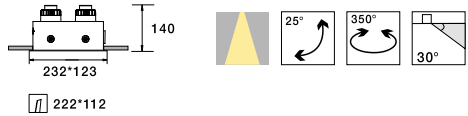
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B2-4	30W 40W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
		24°		3000K		
		30°		3500K		
		36°		4000K		
		60°		5000K		



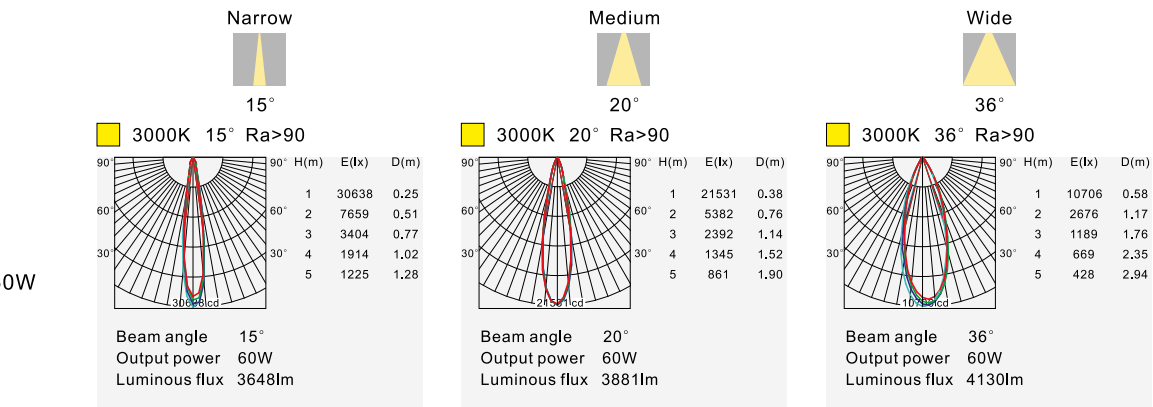
4inch Double head 222*112



W	LM	Optic
3000K-CRI 90		
60W	3900	15°
60W	3900	20°
60W	3900	30°
60W	3900	36°
60W	3900	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B2-4	60W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



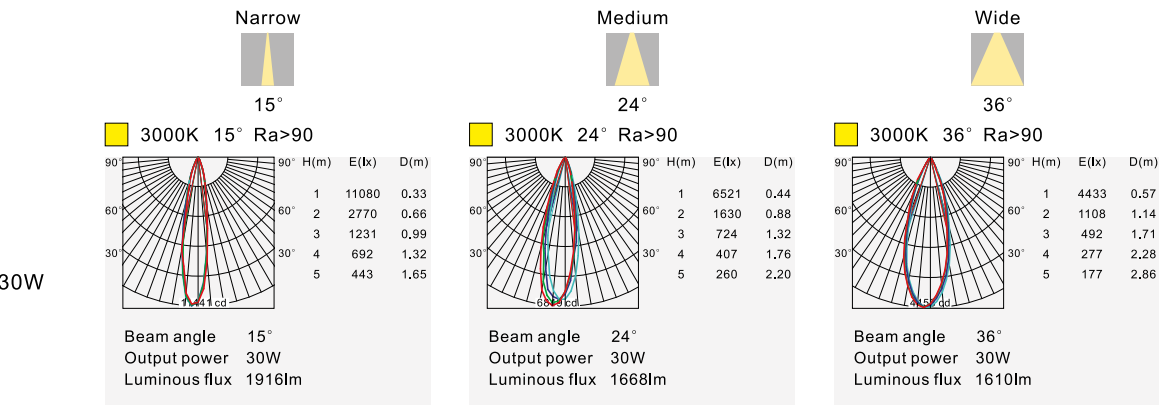
3inch Triple head 242*82



W	LM	Optic
3000K-CRI 90		
30W	1950	10°
30W	1950	15°
30W	1950	24°
30W	1950	30°
30W	1950	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B3-3	30W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	White+Iron gray Black+Iron gray Iron gray
		15°		3000K		
		24°		3500K		
		30°		4000K		
		36°		5000K		



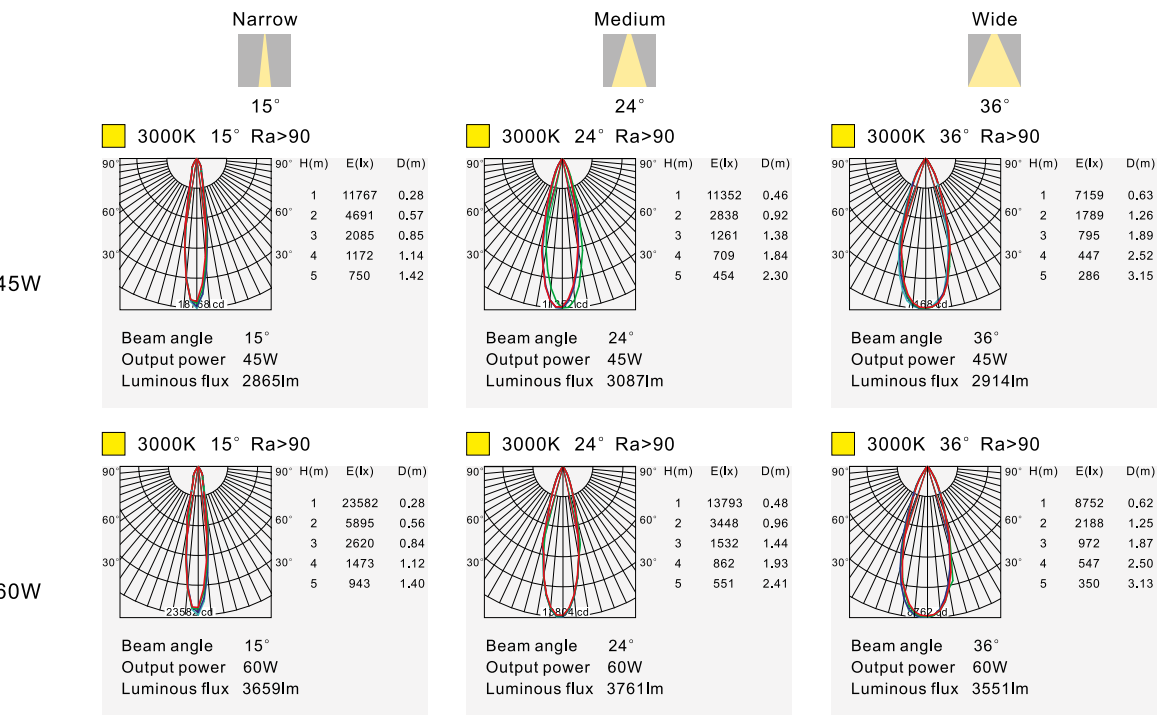
4inch Triple head 332*112



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
45W	2925	15°	60W	3900	15°
45W	2925	24°	60W	3900	24°
45W	2925	30°	60W	3900	30°
45W	2925	36°	60W	3900	36°
45W	2925	60°	60W	3900	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B3-4	45W 60W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	White+Iron gray Black+Iron gray Iron gray
		24°		3000K		
		30°		3500K		
		36°		4000K		
		60°		5000K		



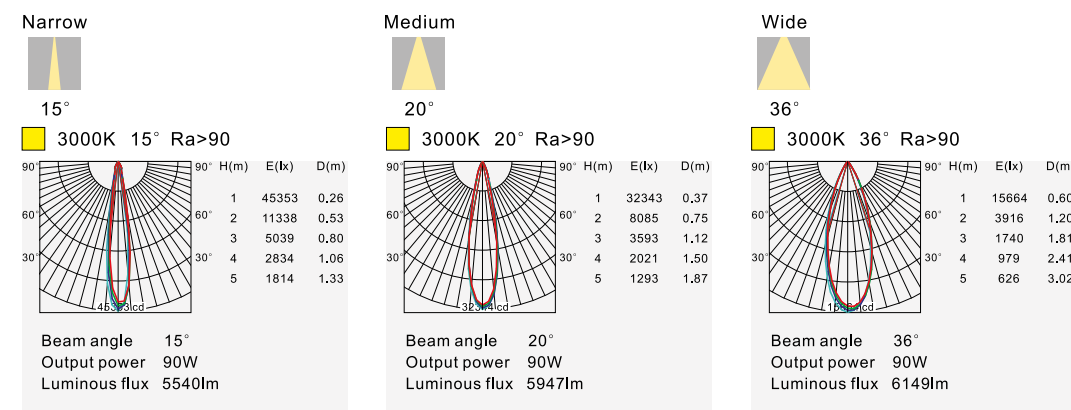
4inch Triple head 332*112



W	LM	Optic
3000K-CRI 90		
90W	5850	15°
90W	5850	20°
90W	5850	30°
90W	5850	36°
90W	5850	45°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B3-4	90W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
		20°		3000K		
		30°		3500K		
		36°		4000K		
		45°		5000K		



	IBL03R-B1				IBL03R-B2				IBL03R-B3			
	10W	15W	20W	30W	20W	30W	40W	60W	30W	45W	60W	90W
Optics												
Narrow 10°	•				•				•			
Narrow 15°	•	•	•	•	•	•	•	•	•	•	•	•
Medium 20°				•				•				•
Medium 24°	•	•	•		•	•	•		•	•	•	
Wide 30°	•	•	•	•	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	•	•	•	•	•	•	•	•
Wide Flood 45°				•				•				•
Wide Flood 60°		•	•			•	•		•	•		
Colour												
White+Iron gray	•	•	•	•	•	•	•	•	•	•	•	•
Black+Iron gray	•	•	•	•	•	•	•	•	•	•	•	•
Iron gray	•	•	•	•	•	•	•	•	•	•	•	•
Size												
93mm*93mm*103mm	•											
123mm*123mm*120mm		•	•									
123mm*123mm*140mm				•	•							
173mm*93mm*103mm					•		•					
232mm*123mm*120mm						•	•					
232mm*123mm*140mm								•				
252mm*93mm*103mm									•			
342mm*123mm*120mm										•	•	
342mm*123mm*140mm												•
Cutout												
82mm*82mm	•											
112mm*112mm		•	•	•	•							
162mm*82mm					•							
222mm*112mm						•	•	•				
242mm*82mm							•		•			
332mm*112mm										•	•	•
Flow obviously refers to												
2700K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
Dimming Type												
DALI	•	•	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•	•	•
1~10V	•	•	•	•	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•	•	•	•	•

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

Overview-Tracks



Performances			
Optic	15°/20°/30°/55°	15°/20°/24°/30° 36°/40°/45° Oval Flood	10°/15°/20°/24° 30°/36°/60° Oval Flood
Power	20W/30W	20W/30W/35W/40W	7W/10W 15W/25W/30W
Light flow	2000LM-3000LM	2000LM-4000LM	490LM-2800LM
Colour temperature	2700K-4000K	3000K-4000K	2700K-4000K
Dimming Type	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
Installation			
-phase track	●	●	●
2-phase track	●	●	●
3-phase track	●	●	●
L6+DALI track	●	●	
Accessories			
Optics	A	A/B/C/D/E/F	A/B/C



Performances		
Optic	10°/15°/20°/24° 30°/36°/60° Oval Flood	15°/20°/24° 36°/40°/60°
Power	7W/10W/15W 25W/30W/35W	30W/35W/40W
Light flow	490LM-3150LM	2700LM-3600LM
Colour temperature	2700K-4000K	2700K-4000K
Dimming Type	ALI/TRIAC/1-10V	DALI/TRIAC/1-10V
Installation		
-phase track		●
2-phase track	●	●
3-phase track	●	●
L6+DALI track		●
Accessories		
Optics	A/B/D/E/F	



Performances		
Optic	15°/20°/24° 36°/60°	15°/20°/24°/36°
Power	30W/50W	7W/10W/15W20W 25W/30W/35W/40W
Light flow	2550LM-4250LM	595LM-3400LM
Colour temperature	2700K-4000K	2700K-4000K
Dimming Type	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
Installation		
-phase track	●	●
2-phase track	●	●
3-phase track	●	●
L6+DALI track		
Accessories		
Optics		

Overview-Tracks

Precise light control technology



Reflector+Lens



Reflector



Lens

In cooperation with the top optical design company, adopted advanced optical design system, researched the optical parts with precision light distribution, high illumination, homogeneous light.

Optics



Narrow 10°-15°



Medium 17°-24°



Wide 26°-36°



Flood 40°-60°



Oval Flood



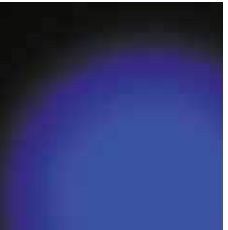
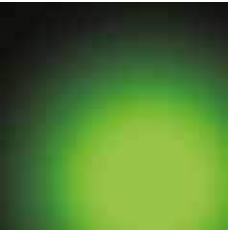
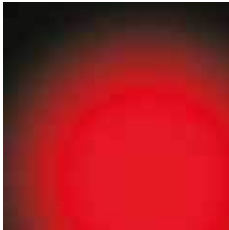
Wall Washer

Various optional Angles of lighting distribution to meet different lighting requirements.

Optical accessories

Color filter

Filter combination, using color to strongHarmonizing space and objects.



Fabric Glass

This lamp can solve the phenomenon of uneven spot very well.



With Fabric Glass

Without Fabric Glass

Stripped Glass



Various types of lens allow the lighting distribution of the main optics to bemodified, thereby achieving highlyprofessional lighting effects.

Tunable White

Through adjustable technology of color temperature to change color temperature from 2700K to 5000K and keep luminous intensity



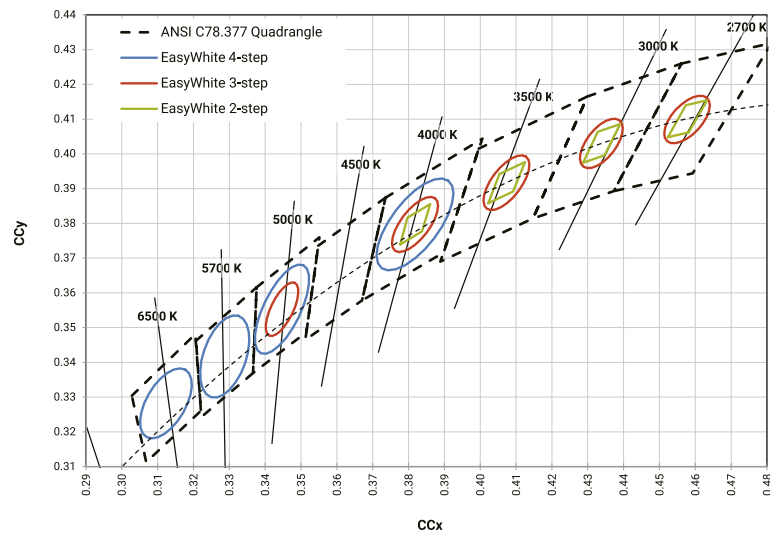
2700K

5000K

Overview-Tracks

Color tolerance

We select the best suppliers in the world to ensure constant and repetitive LED selection in order to ensure colour uniformity not only over time but also between different products included in the same lighting project. Mac Adam<3 is standard for us



CRI

LED lamps are with excellent color expressive force, show that all above 80, specific items can be more than 90, make the content more bright and clear, real reflect the goods material and color, improve the grade of products.



Ra92
High CRI



Ra85
Moderate CRI



Ra85
Standard CRI



Track Light

Innovative optics, multiple light distribution, high uniformity and high efficiency. Ideal for settings such as art galleries, boutiques and museums.

ITL 18 Series
ITL 13 Series
ITL 10 Series
ITL 16 Series
ITL 11 Series
ITL 09 Series
ITL 25 Series

ITL-18 Series Spotlight

Widely used for mall, Show room, Bar, museum gallery
Classical but with elegant design for friendly design of 90° adjustable & 350° rotation. Multiple beam angle & high CRI for different lighting purpose. High efficiency of lighting transmission for higher lumens output



ITL18 Top Mounted Series



Good Quality LED Chip

Top brand high lumen COB LED, luminous efficiency of the whole lighting fixture can be above 65lm/w.

Tiltable

Horizontal rotation 350°and vertical tilt 90°, achieving precise spotting angle.

Anti-glare

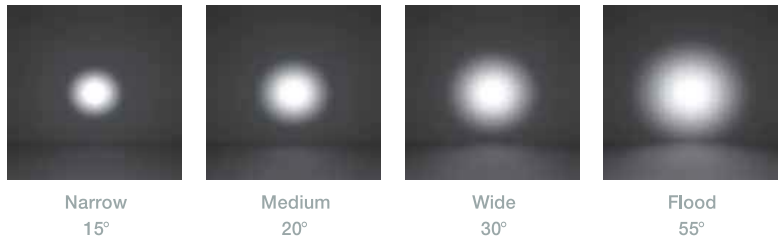
Anti-glare designed lamp body.

Excellent Heat Dissipation

Use high quality die-casting aluminium heat sink with convection cooling method, cooling fast to low down luminous decay efficiently.

	High-power LED SDCM<3		Excellent thermal management		EMC - optimised
	Different light distributions		DALI dimming		Different dimming
	Deep anti-dazzle		Tiltable 90°		Horizontal 350°
	IP level		Different color temperatures		Different housing colours

Optics



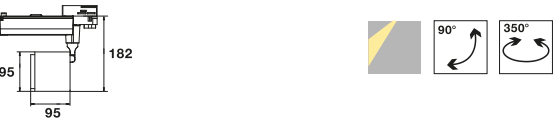
	Accentuation Meet the demand of accent lighting and spatial lighting for the building.		Spotlights Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.	LED 20W-30W 2000lm-3000lm
	Washlighting Wide-beam illumination of larger objects or spatial zones.		Floodlights Axially symmetrical light distribution with flood characteristics produced by an oval beam for floodlighting.	LED 20W-30W 2000lm-3000lm



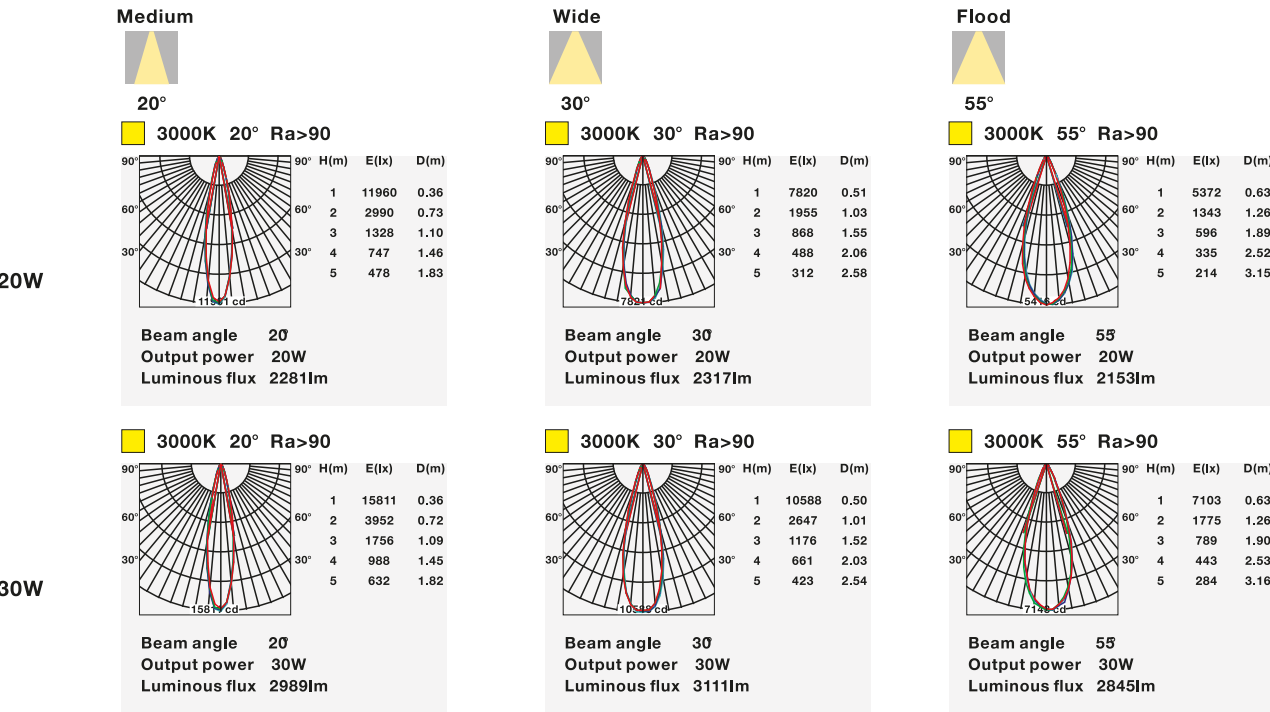
ITL18-A Top Mounted Series



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
20W	2000	15°	30W	3000	15°
20W	2000	20°	30W	3000	20°
20W	2000	30°	30W	3000	30°
20W	2000	55°	30W	3000	55°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Anti-dazzle accessories
ITL18-A-95	20W 30W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track L6+DALI track	Black White	Honeycomb filter
		20°		3000K				
		30°		3500K				
		55°		4000K				



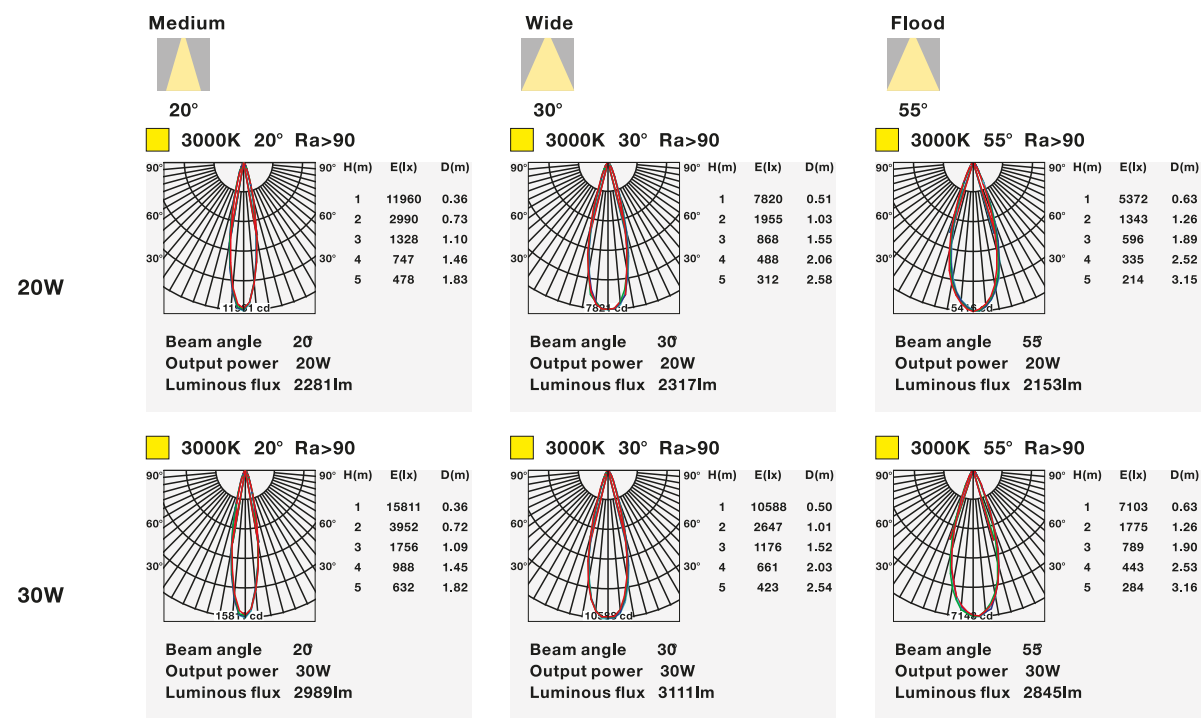
ITL18-B Top Mounted Series



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
20W	2000	15°	30W	3000	15°
20W	2000	20°	30W	3000	20°
20W	2000	30°	30W	3000	30°
20W	2000	55°	30W	3000	55°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Anti-dazzle accessories
IT L18-B-95	20W 30W	15°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track L6+DALI track	Black White	Honeycomb filter
		20°		3000K				
		30°		3500K				
		55°		4000K				



ITL18-C Top Mounted Series



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
20W	2000	15°	30W	3000	15°
20W	2000	20°	30W	3000	20°
20W	2000	30°	30W	3000	30°
20W	2000	55°	30W	3000	55°



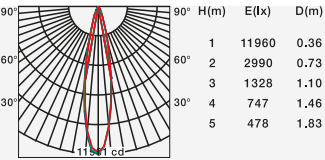
Model	Power	Beam Angle	CCT	CRI	Installation	Finish	Anti-dazzle accessories
ITL18-C-95	20W	15°	2700K	Ra>80 Ra>90	2-phase track 3-phase track L6+DALI track	Black White	Honeycomb filter
	20W	20°	3000K				
	30W	30°	3500K				
	30W	55°	4000K				

20W



20°

3000K 20° Ra>90

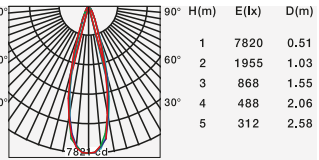


Beam angle 20°
Output power 20W
Luminous flux 2281lm



30°

3000K 30° Ra>90

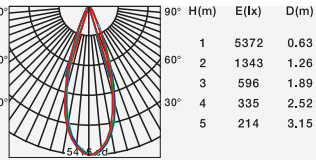


Beam angle 30°
Output power 20W
Luminous flux 2317lm



55°

3000K 55° Ra>90



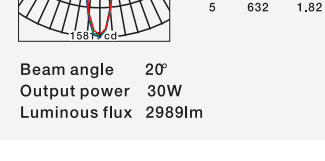
Beam angle 55°
Output power 20W
Luminous flux 2153lm

30W



20°

3000K 20° Ra>90

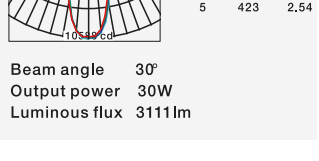


Beam angle 20°
Output power 30W
Luminous flux 2989lm



30°

3000K 30° Ra>90

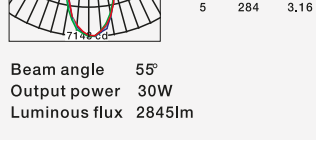


Beam angle 30°
Output power 30W
Luminous flux 3111lm



55°

3000K 55° Ra>90



Beam angle 55°
Output power 30W
Luminous flux 2845lm

	ITL18-A-95		ITL18-B-95		ITL18-C-95	
	20W	30W	20W	30W	20W	30W
Optics						
Narrow 15°	•	•	•	•	•	•
Medium 20°	•	•	•	•	•	•
Wide 30°	•	•	•	•	•	•
Flood 55°						
Colour						
White	•	•	•	•	•	•
Black	•	•	•	•	•	•
Size						
95mm*95mm*182mm	•	•		•		
95mm*96mm*161.5mm			•	•		
95mm*95mm*167mm					•	•
Flow obviously refers to						
3000K Ra>90	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•
2700K Ra>80		•		•	•	•
3000K Ra>80	•	•	•	•	•	•
3500K Ra>80		•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•
Dimming Type						
DALI	•	•		•		
TRIAC	•	•	•	•		
1-10V	•	•				
Non dimmable	•	•	•	•	•	•
Installation						
1-phase track	•	•	•	•		•
2-phase track	•	•	•	•	•	•
3-phase track	•	•	•	•	•	•
L6 + DALI track	•	•	•	•	•	•
Accessories						
Honeycomb Filter	•	•	•	•	•	•

Optical Accessories



Honeycomb Filter

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

ITL13 Deep V Series

The little black dress originated from France, which given a romantic emotion. It fits elegant and saucy image from the lamp body and overall images, like a French woman



ITL13 Deep V Series



Good Quality LED Chip

Top brand high lumen COB LED, luminous efficiency of the whole lighting fixture can be above 85lm/w.

Tiltable

Horizontal rotation 350° and vertical tilt 90°, achieving precise spotting angle.

Variety Accessories

Variety optical accessories to satisfy different lighting effect; easy disassembly and replacing by hand.

Anti-glare

Anti-glare designed lamp body.

Excellent Heat Dissipation

Use high quality die-casting aluminium heat sink with convection cooling method, cooling fast to low down luminous decay efficiently.



High-power LED
SDCM<3



Different light
distributions



Deep anti-dazzle



Horizontal 350°



Different glasses



Different sizes



Excellent thermal
management



DALI dimming



Optischer cut-off 30



IP level



Different color
temperatures



EMC - optimised



Different dimming



Tiltable 90°

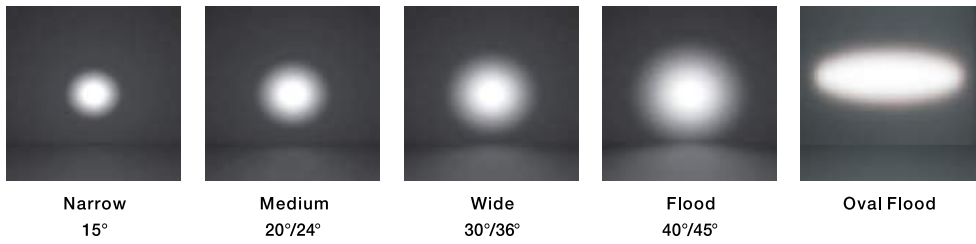


Different color
filters



Different housing
colours

Optics



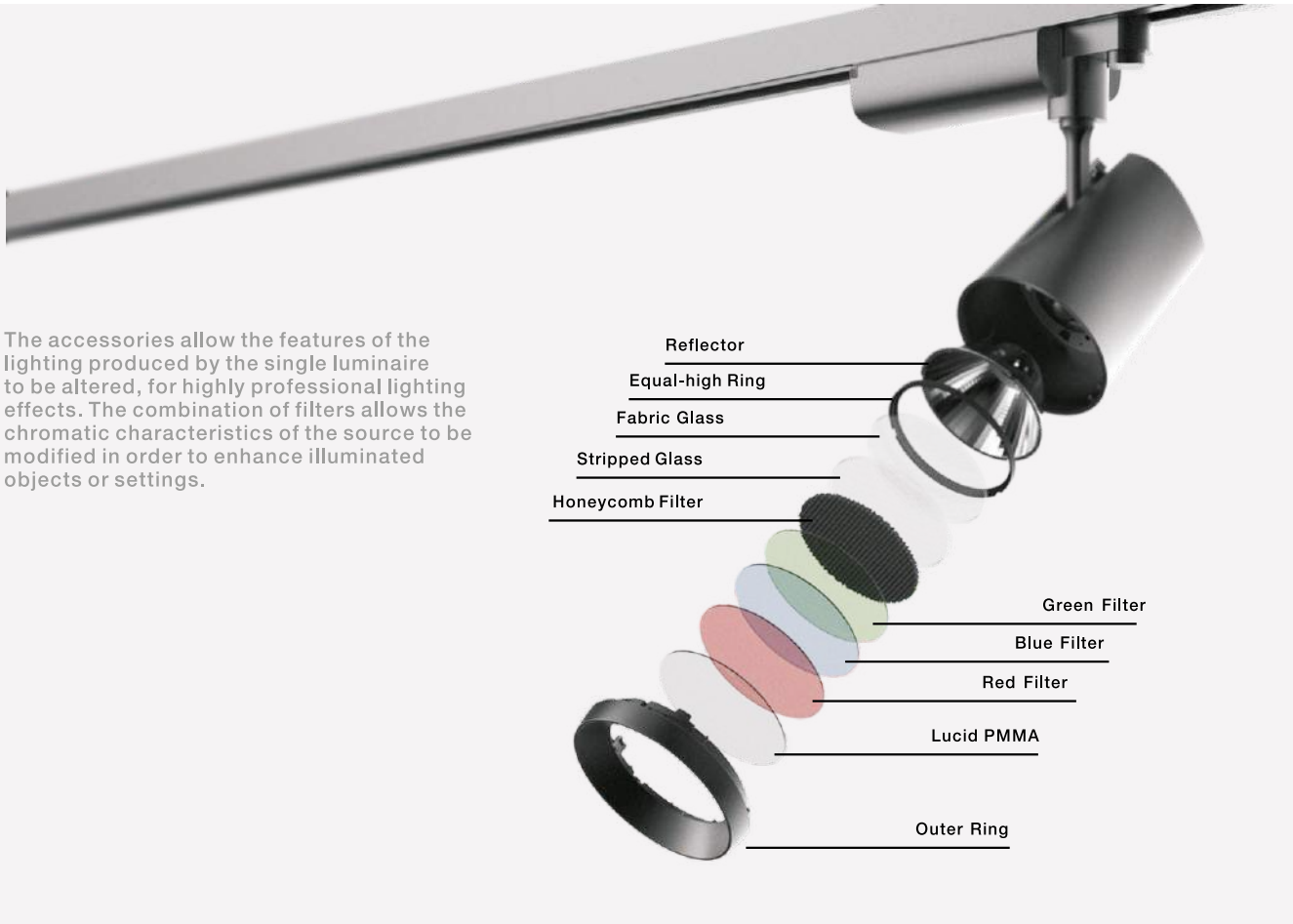
Elliptical optics are obtained by installing the specific accessory.



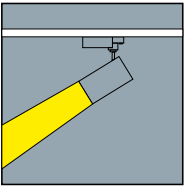
Ø100mm
20W/30W



Ø115mm
35W/40W



The accessories allow the features of the lighting produced by the single luminaire to be altered, for highly professional lighting effects. The combination of filters allows the chromatic characteristics of the source to be modified in order to enhance illuminated objects or settings.

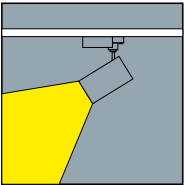


Accentuation
Meet the demand of accent lighting and spatial lighting for the building.



Spotlights
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

LED
20W-40W
2000lm-4000lm



Washlighting
Wide-beam illumination of larger objects or spatial zones.



Floodlights
Axially symmetrical light distribution with flood characteristics produced by an oval beam for floodlighting.

LED
20W-40W
2000lm-4000lm



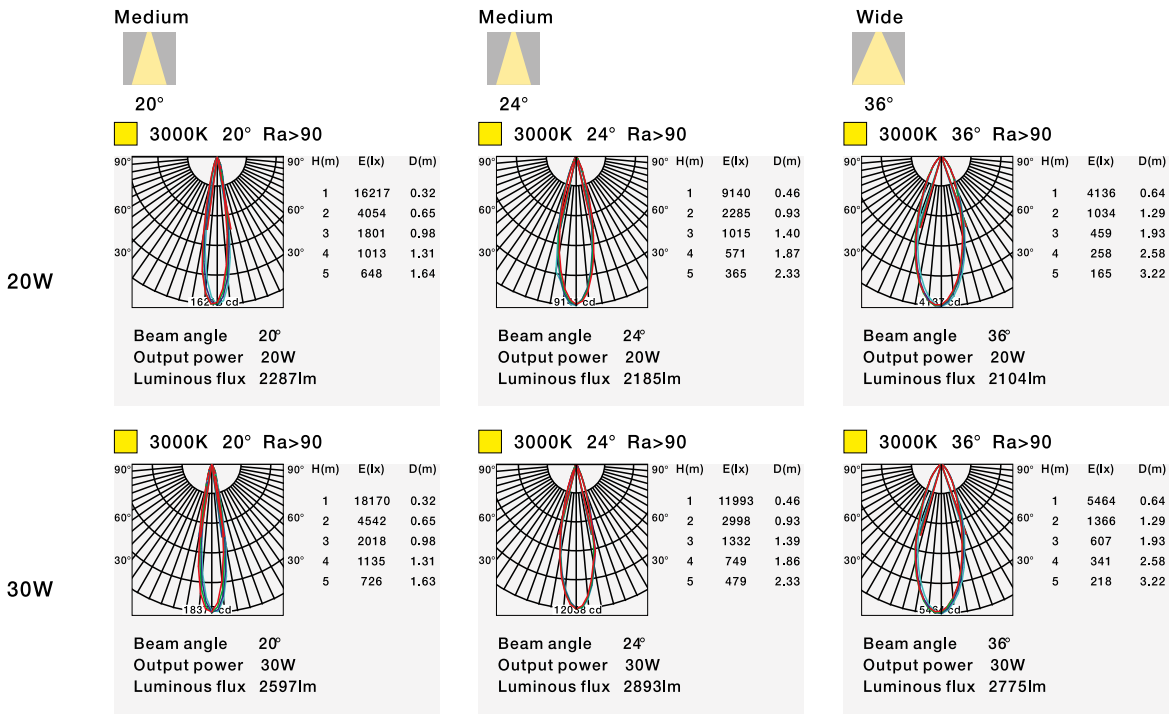
ITL13 Deep V Series



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
20W	2000	20°	30W	3000	20°
20W	2000	24°	30W	3000	24°
20W	2000	30°	30W	3000	30°
20W	2000	36°	30W	3000	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Accessories
ITL13R-A-10	20W 30W	20°	TRIAC 1~10V DALI Non dimmable	3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track L6+DALI track	Black White	Honeycomb filter Stripped glass Fabric glass Red filter Green filter Blue filter
		24°						
		30°						
		36°						



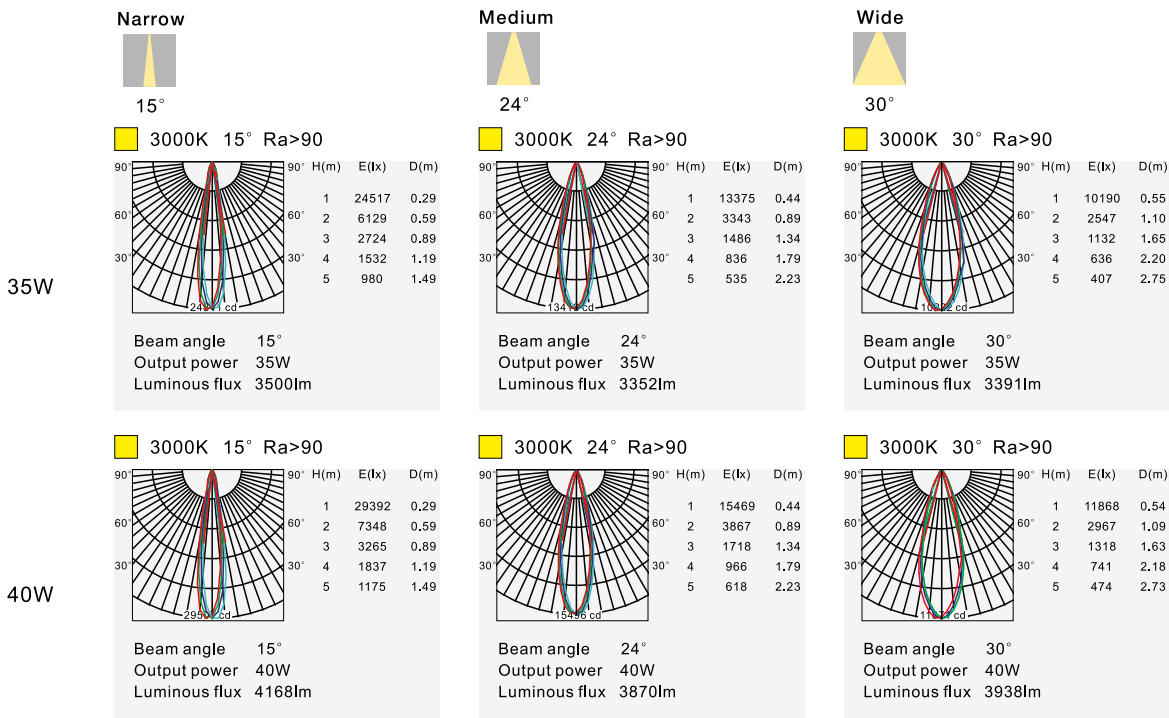
ITL13 Deep V Series











W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
35W	3500	15°	40W	4000	15°
35W	3500	24°	40W	4000	24°
35W	3500	30°	40W	4000	30°
35W	3500	40°	40W	4000	40°
35W	3500	45°	40W	4000	45°

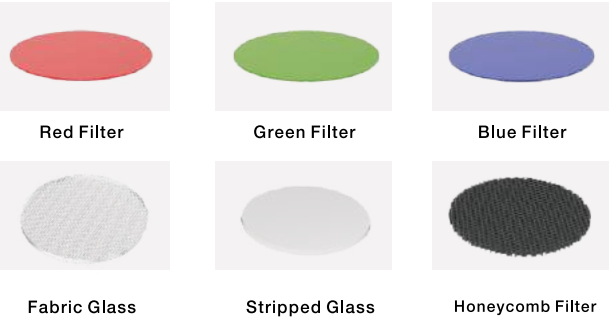


Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Accessories
ITL13R-A-11	30W 35W	15°	TRIAC 1~10V DALI Non dimmable	3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track L6+DALI track	Black White	Honeycomb filter Stripped glass Fabric glass Red filter Green filter Blue filter
		24°						
		30°						
		40°						
		45°						



	ITL13R-A-10		ITL13R-A-11	
	20W	30W	35W	40W
Optics				
 Narrow 15°				
 Medium 20°	•	•	•	•
 Medium 24°	•	•	•	•
 Wide 30°	•	•	•	•
 Wide 36°	•	•		
 Flood 40°			•	•
 Flood 45°			•	•
 Oval Flood	•	•	•	•
Colour				
White	•	•	•	•
Black	•	•	•	•
Size				
142mm*100mm*205mm	•	•		
165mm*115mm*215mm			•	•
Flow obviously refers to				
3000K Ra>90	•	•	•	•
3500K Ra>90	•	•	•	•
4000K Ra>90	•	•	•	•
3000K Ra>80	•	•	•	•
4000K Ra>80	•	•	•	•
Dimming Type				
DALI	•	•	•	•
TRIAC	•	•	•	•
1-10V	•	•	•	•
Non dimmable	•	•	•	•
Installation				
1-phase track	•	•	•	•
2-phase track	•	•	•	•
3-phase track	•	•	•	•
L6 + DALI track	•	•	•	•
Accessories				
Honeycomb Filter	•	•	•	•
Stripped Glass	•	•	•	•
Fabric Glass	•	•	•	•
Red Filter	•	•	•	•
Green Filter	•	•	•	•
Blue Filter	•	•	•	•
Narrow reflective cup	•	•	•	•
Medium reflective cup	•	•	•	•
Wide reflective cup	•	•	•	•

Optical Accessories



ITL10 Series Spotlight

Being elegant in appearance with built-in driver
designits optical performance is outstanding.
Mechanical performance is good with 350°
rotation and 90°tilt to adjust light direction flexibly.



ITL10 Driver Built-in Series



Good Quality LED Chip

Top brand high lumen COB LED,
luminous efficiency of the whole
lighting fixture can be above 85lm/w.

Anti-glare

Anti-glare designed lamp body.

Excellent Heat Dissipation

Use high quality die-casting aluminium
heat sink with convection cooling method,
cooling fast to low down luminous decay
efficiently.

Tiltable

Horizontal rotation 350°and vertical
tilt 90°, achieving precise spotting angle.



High-power LED
SDCM<3



Different light
distributions



Optischer cut-off 30



IP level



Different sizes



Excellent thermal
management



TRIAC dimming



Tiltable 90°



Different color
temperatures



EMC - optimised



Deep anti-dazzle



Horizontal350°



Different housing
colours

Optics



Narrow
10°/15°



Medium
20°/24°



Wide
30°/36°



Flood
60°



Oval Flood

Elliptical optics are
obtained by installing
the specific accessory.

Top-mounted Spotlight Lens



Top-mounted Spotlight Reflector



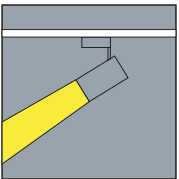
Recessed Spotlight Lens

Reflector

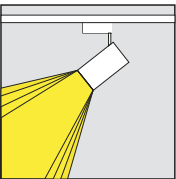


Surface mounted Spotlight Lens

Reflector



Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.



Spotlights
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

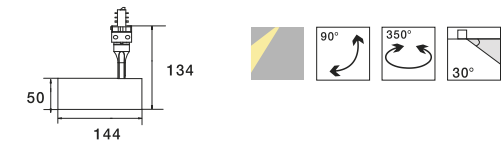
LED
7W-30W
490lm-2800lm



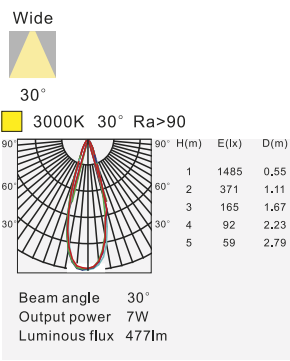
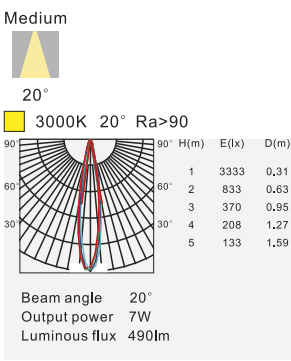
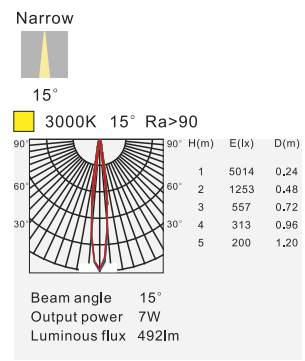
Top-mounted Spotlight



W	LM	Optic
3000K-CRI 90		
7W	490	10°
7W	490	15°
7W	490	20°
7W	490	30°



Model	Power	Beam Angle	CCT	CRI	Installation	Finish	Optical Accessories
ITL10L-A-50	7W	10°	2700K	Ra>80 Ra>90	1-phase track	Black White	Honeycomb Filter
		15°	3000K		2-phase track		Stripped Glass
		20°	3500K		3-phase track		Fabric Glass
		30°	4000K				



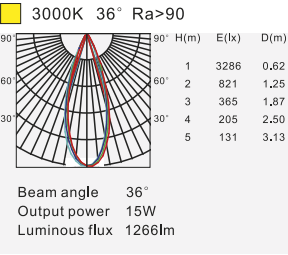
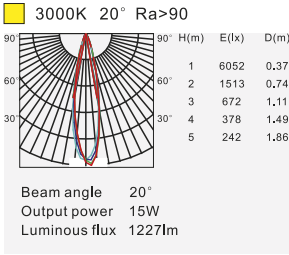
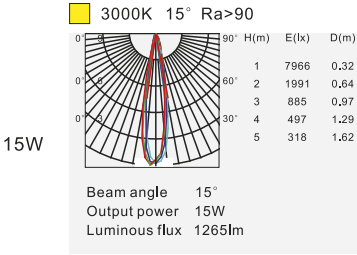
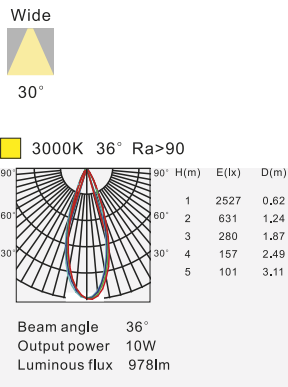
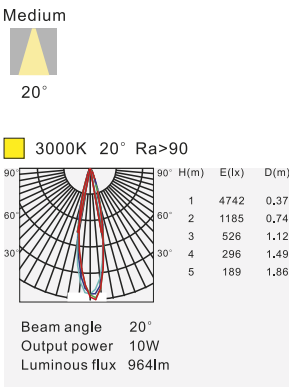
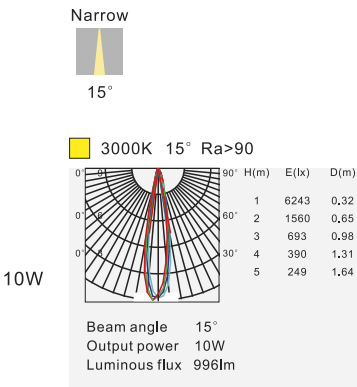
Top-mounted Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
10W	950	10°	15W	1200	10°
10W	950	15°	15W	1200	15°
10W	950	20°	15W	1200	20°
10W	950	36°	15W	1200	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Optical Accessories
ITL10L-A-66	10W 15W	10°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	1-phase track	Black White	Honeycomb Filter
		15°		3000K		2-phase track		Stripped Glass
		20°		3500K		3-phase track		Fabric Glass
		36°		4000K				



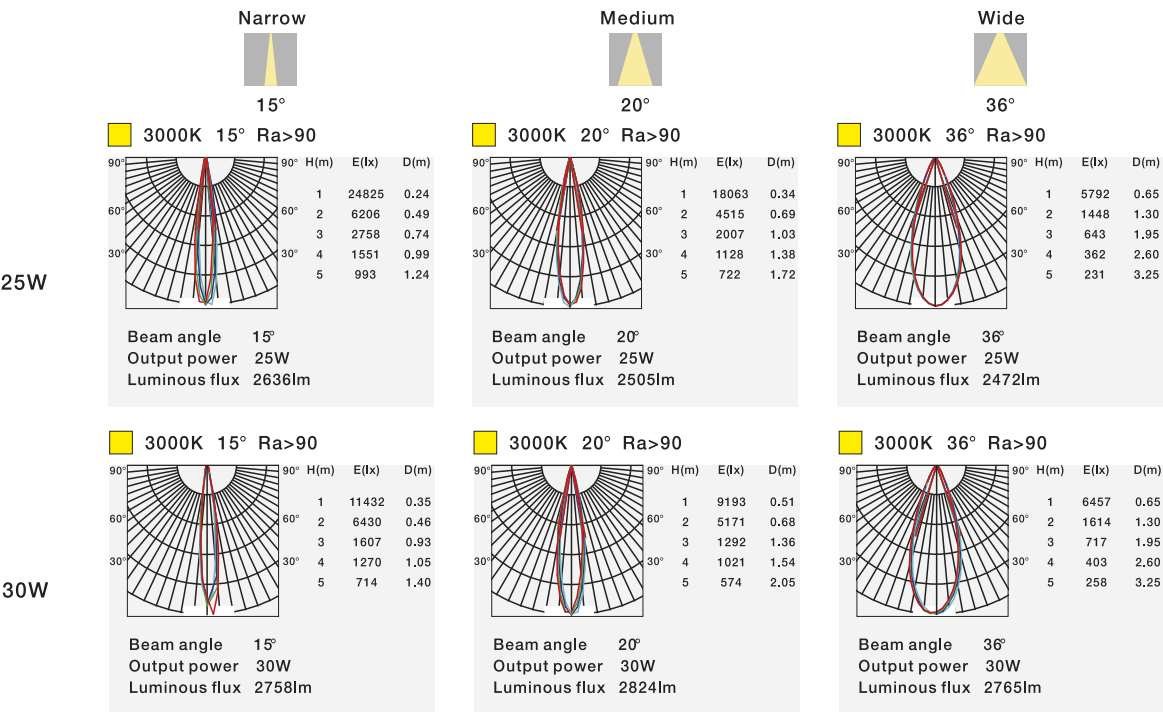
Top-mounted Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
25W	2375	10°	30W	2700	15°
25W	2375	15°	30W	2700	20°
25W	2375	20°	30W	2700	36°
25W	2375	36°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Optical Accessories
ITL10L-A-80	25W 30W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Fabric Glass
		15°		3000K				
		20°		3500K				
		36°		4000K				



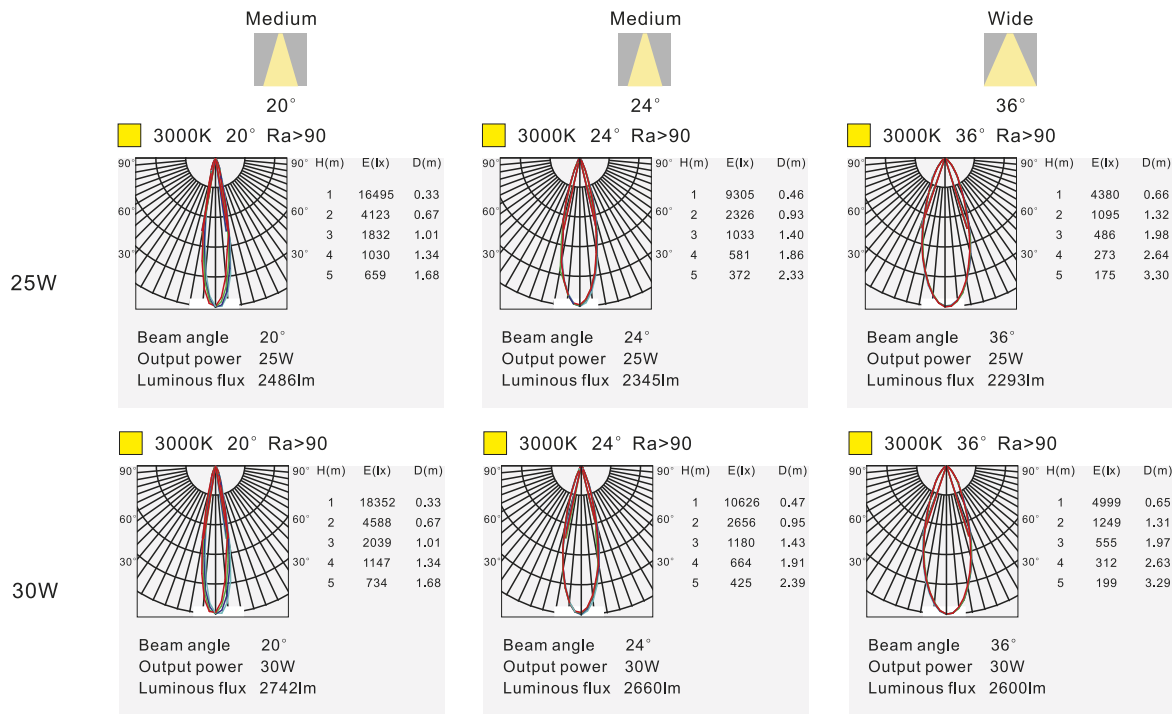
Top-mounted Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
25W	2250	20°	30W	2700	20°
25W	2250	24°	30W	2700	24°
25W	2250	30°	30W	2700	30°
25W	2250	36°	30W	2700	36°



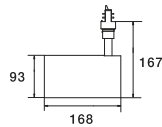
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Optical Accessories
ITL10R-A-80	25W 30W	20°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Fabric Glass
		24°		3000K				
		30°		3500K				
		36°		4000K				



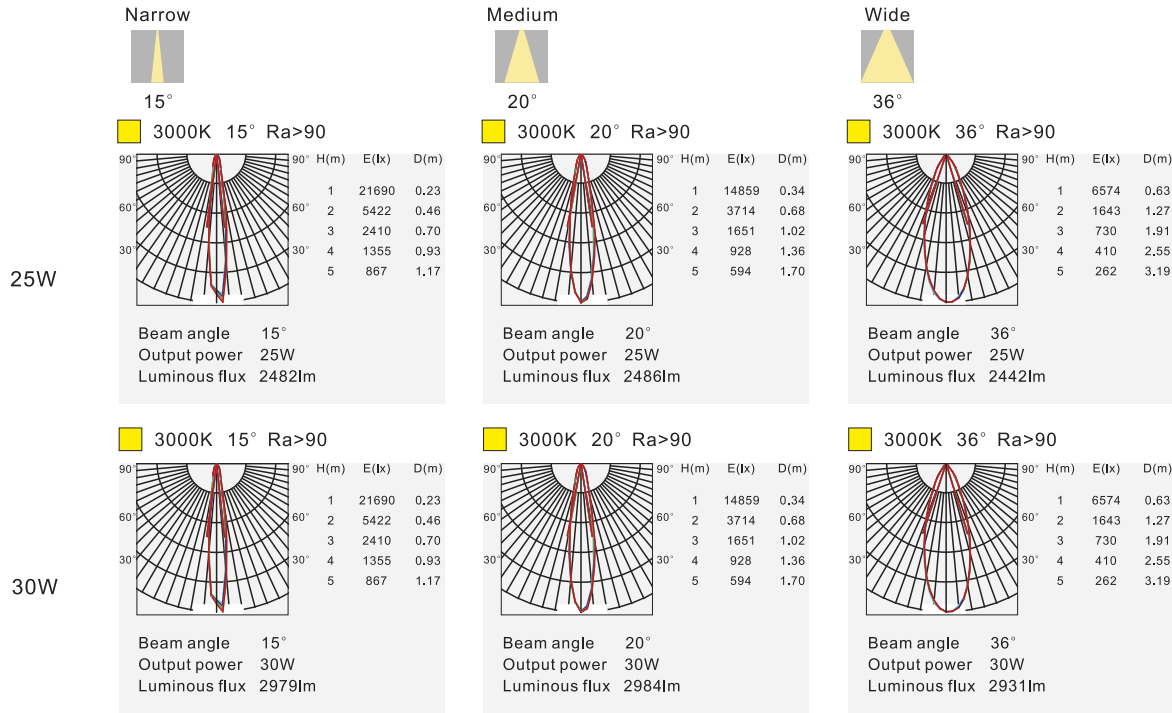
Top-mounted Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
25W	2850	15°	30W	2800	15°
25W	2850	20°	30W	2800	20°
25W	2850	36°	30W	2800	36°
25W	2850	60°	30W	2800	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL10R-A-93	25W 30W	15°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
		20°		3000K			
		36°		3500K			
		60°		4000K			



	ITL10L-A-50 7W	ITL10L-A-66 10W	15W	ITL10L-A-80 25W	30W	ITL10R-A-80 25W	30W	ITL10R-A-93 25W	30W
Optics									
Narrow 10°	•	•	•	•					•
Narrow 15°	•	•	•	•	•			•	•
Medium 20°	•	•	•	•	•	•	•	•	•
Medium 24°						•	•		
Wide 30°	•					•	•		
Wide 36°		•	•	•	•	•	•	•	•
Flood 60°								•	•
Oval Flood	•	•	•	•	•	•	•		
Colour									
White	•	•	•	•	•	•	•	•	•
Black	•	•	•	•	•	•	•	•	•
Size									
144mm*50mm*134mm	•								
180mm*66mm*148mm		•	•						
180mm*80mm*164mm				•	•	•	•		
168mm*93mm*167mm								•	•
Flow obviously refers to									
3000K Ra>90	•	•	•	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•
3500K Ra>80	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•
Dimming Type									
DALI									
TRIAC		•	•	•	•	•	•	•	•
1-10V				•	•	•	•		
Non dimmable	•			•	•	•	•	•	•
Installation									
1-phase track	•	•	•	•	•	•	•	•	•
2-phase track	•	•	•	•	•	•	•	•	•
3-phase track	•	•	•	•	•	•	•	•	•
Optical Accessories									
Honeycomb Filter	•	•	•	•	•	•			
Stripped Glass	•	•	•	•	•	•			
Fabric Glass	•	•	•	•	•	•			

Optical Accessories



Honeycomb Filter Stripped Glass Fabric Glass

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

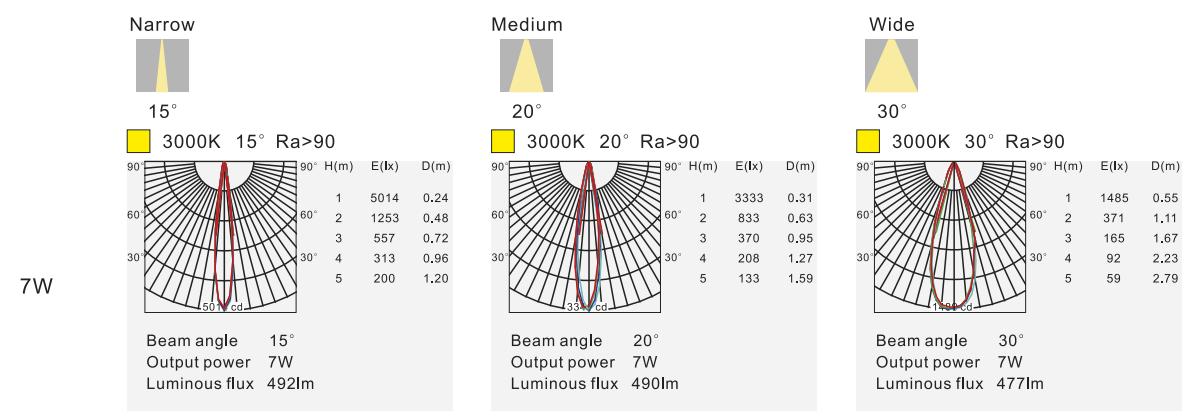
Recessed Spotlight



W	LM	Optic
3000K-CRI 90		
7W	490	10°
7W	490	15°
7W	490	20°
7W	490	30°



Model	Power	Beam Angle	CCT	CRI	Optical Accessories
ITL10L-C-50	7W	10°	2700K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
		15°	3000K		
		20°	3500K		
		30°	4000K		



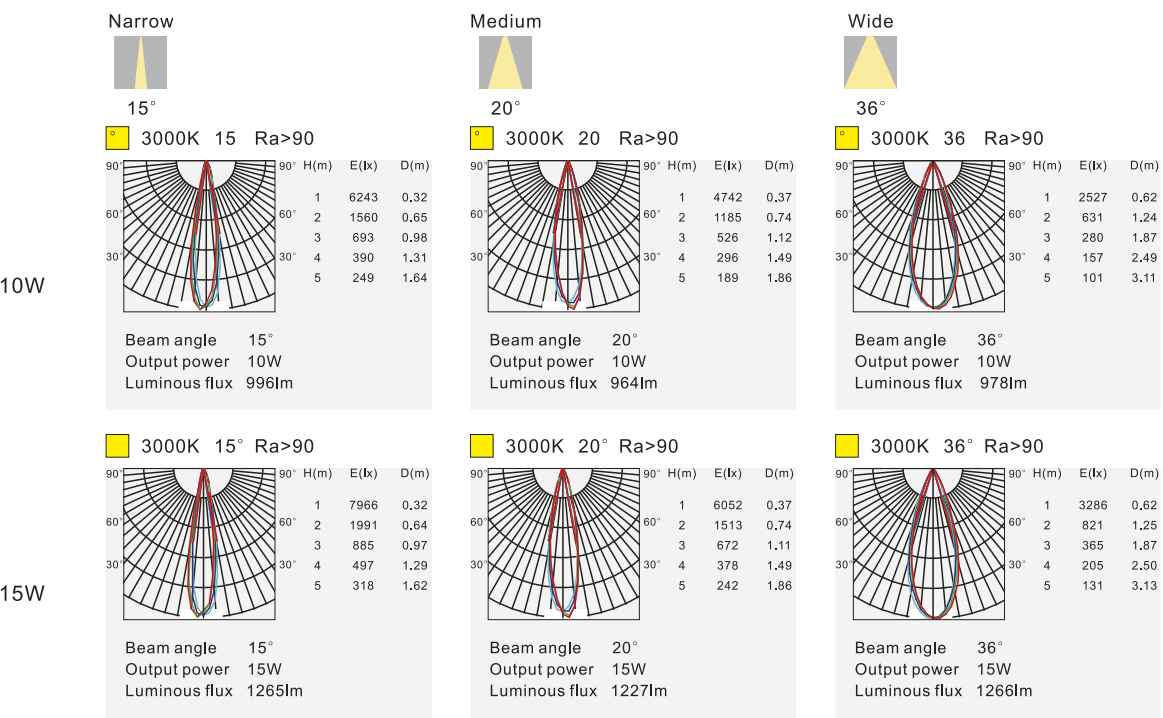
Recessed Spotlight



W	LM	Optic
3000K-CRI 90		
10W	950	10°
10W	950	15°
10W	950	20°
10W	950	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ITL10L-C-66	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
		15°				
		20°				
		36°				



Narrow

15°

3000K 15° Ra>90

90° H(m)	E(lx)	D(m)
1	7966	0.32
2	1991	0.64
3	885	0.97
4	497	1.29
5	318	1.62

Beam angle 15°
Output power 15W
Luminous flux 1265lm

Medium

20°

3000K 20° Ra>90

90° H(m)	E(lx)	D(m)
1	6052	0.37
2	1513	0.74
3	672	1.11
4	378	1.49
5	242	1.86

Beam angle 20°
Output power 15W
Luminous flux 1227lm

Wide

36°

3000K 36° Ra>90

90° H(m)	E(lx)	D(m)
1	3286	0.62
2	821	1.25
3	365	1.87
4	205	2.50
5	131	3.13

Beam angle 36°
Output power 15W
Luminous flux 1266lm

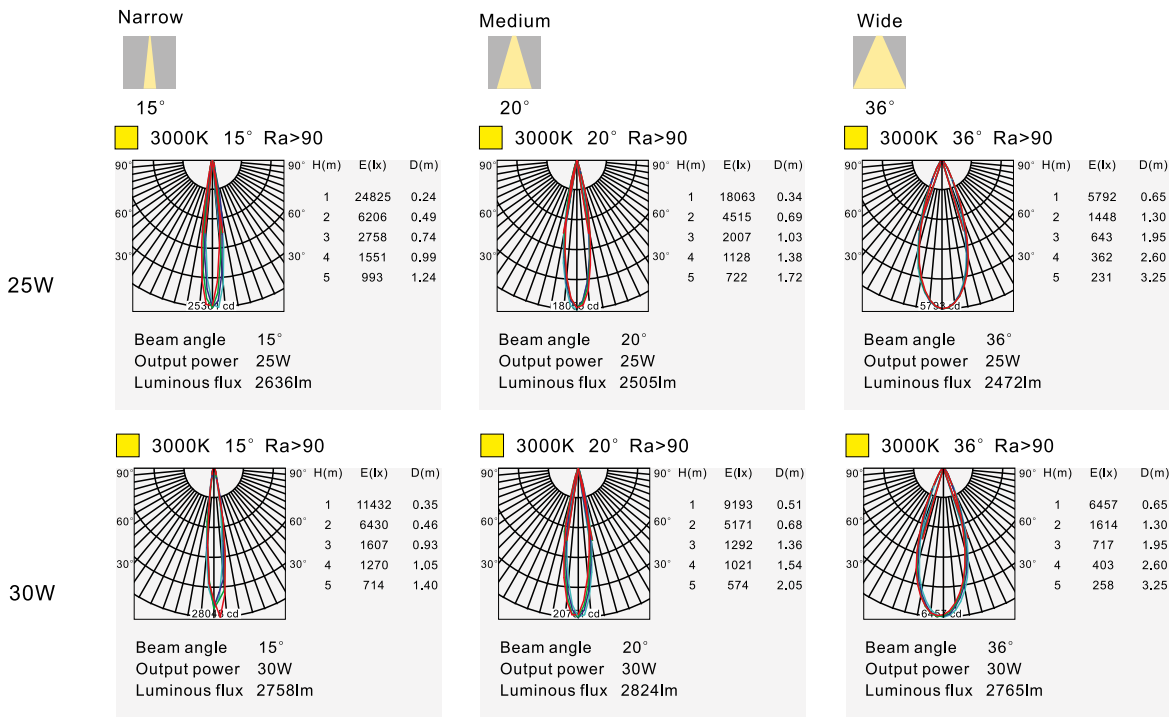
Recessed Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
25W	2375	10°	30W	2700	15°
25W	2375	15°	30W	2700	20°
25W	2375	20°	30W	2700	36°
25W	2375	36°			



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ITL10L-C-80	25W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
	25W	15°		3000K		
	30W	20°		3500K		
	30W	36°		4000K		



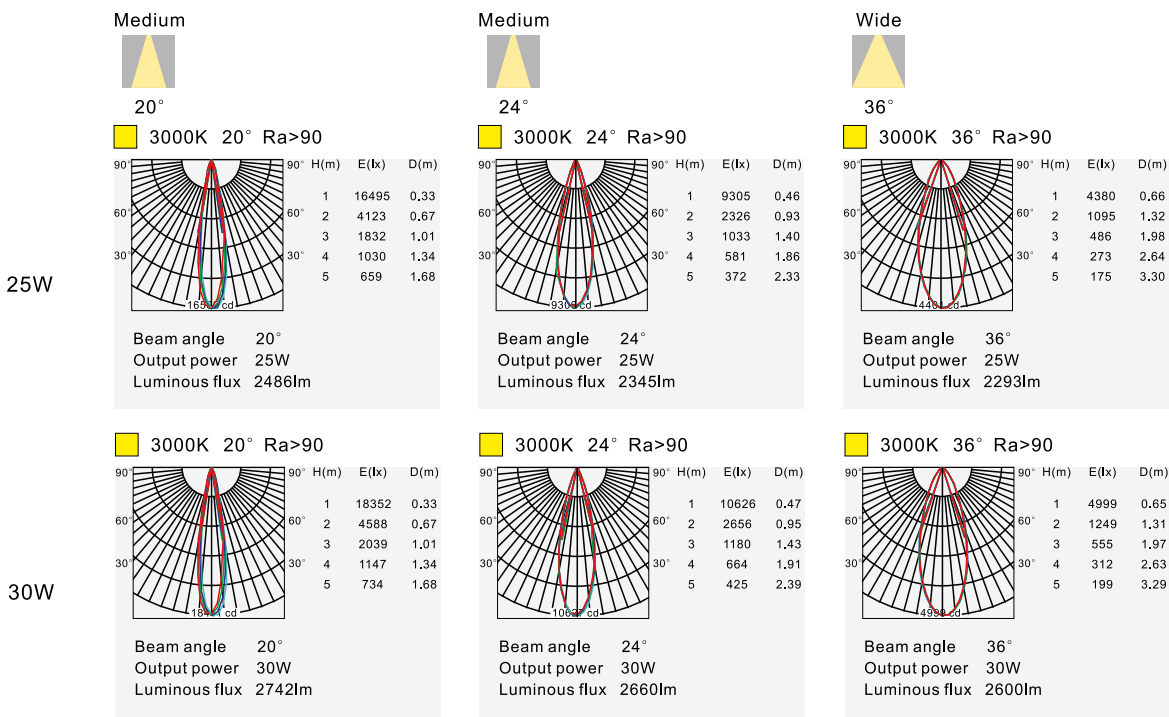
Recessed Spotlight















































































































































































W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
25W	2250	20°	30W	2700	20°
25W	2250	24°	30W	2700	24°
25W	2250	30°	30W	2700	30°
25W	2250	36°	30W	2700	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ITL10R-C-80	25W	20°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
	25W	24°		3000K		
	30W	30°		3500K		
	30W	36°		4000K		



		ITL10L-C-50	ITL10L-C-66	ITL10L-C-80	ITL10R-C-80			
		7W	10W	15W	25W	30W	25W	30W
Optics								
 Narrow 10°								
 Narrow 15°								
 Medium 20°								
 Medium 24°								
 Wide 30°								
 Wide 36°								
 Flood 60°								
 Oval Flood								
Colour								
White								
Black								
Size								
144mm*50mm*106mm								
180mm*66mm*128mm								
180mm*80mm*141mm								
168mm*93mm*170mm								
Cutout								
85-90mm								
Flow obviously refers to								
3000K Ra>90								
3500K Ra>90								
4000K Ra>90								
2700K Ra>80								
3000K Ra>80								
3500K Ra>80								
4000K Ra>80								
Dimming Type								
DALI								
TRIAC								
1-10V								
Non dimmable								
Optical Accessories								
Honeycomb Filter								
Stripped Glass								
Fabric Glass								

Optical Accessories



Honeycomb Filter Stripped Glass Fabric Glass

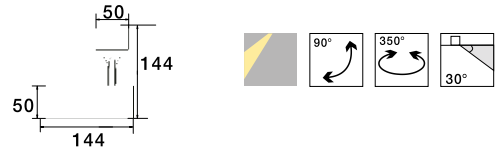
Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

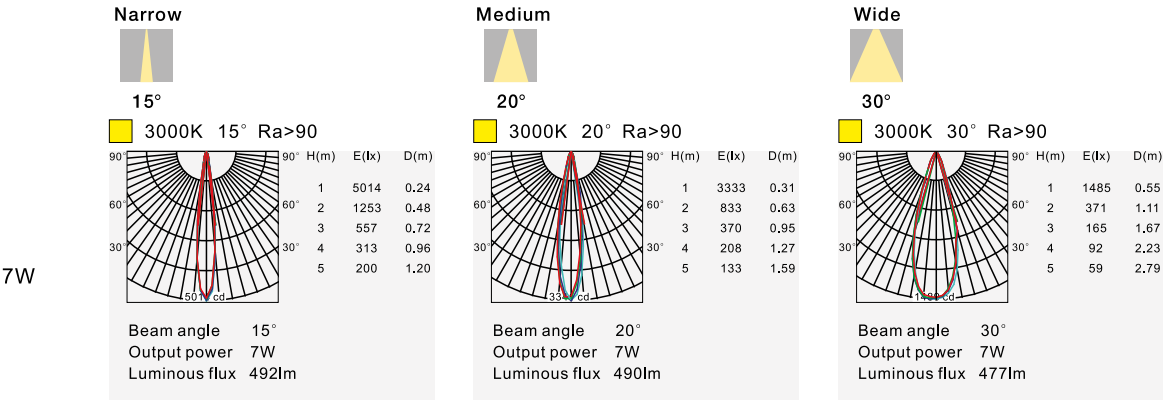
Surface-mounted Spotlight



W	LM	Optic
3000K-CRI 90		
7W	490	10°
7W	490	15°
7W	490	20°
7W	490	30°



Model	Power	Beam Angle	CCT	CRI	Optical Accessories
ITL10L-D-50	7W	10°	2700K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
		15°	3000K		
		20°	3500K		
		30°	4000K		



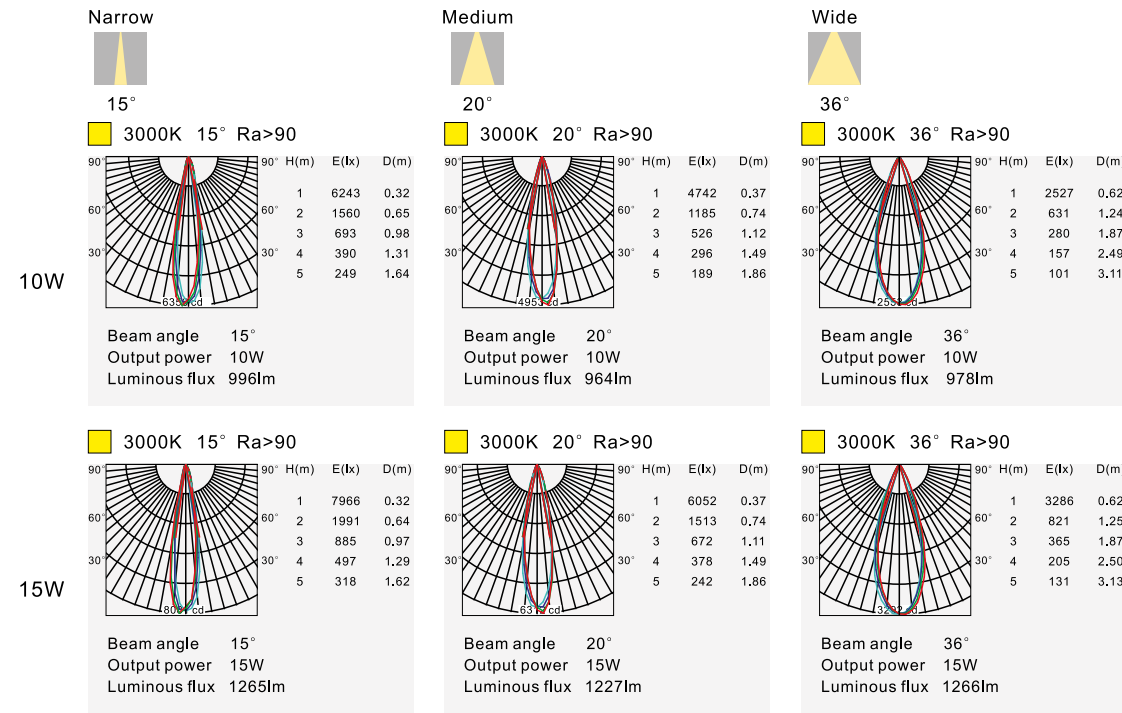
Surface-mounted Spotlight



W	LM	Optic
3000K-CRI 90		
10W	950	10°
10W	950	15°
10W	950	20°
10W	950	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ITL10L-D-66	10W	10°	TRIAC Non dimmable	2700K	Ra>80	Honeycomb Filter Stripped Glass Fabric Glass
	15°	15°		3000K		
	20°	20°		3500K		
	36°	36°		4000K		



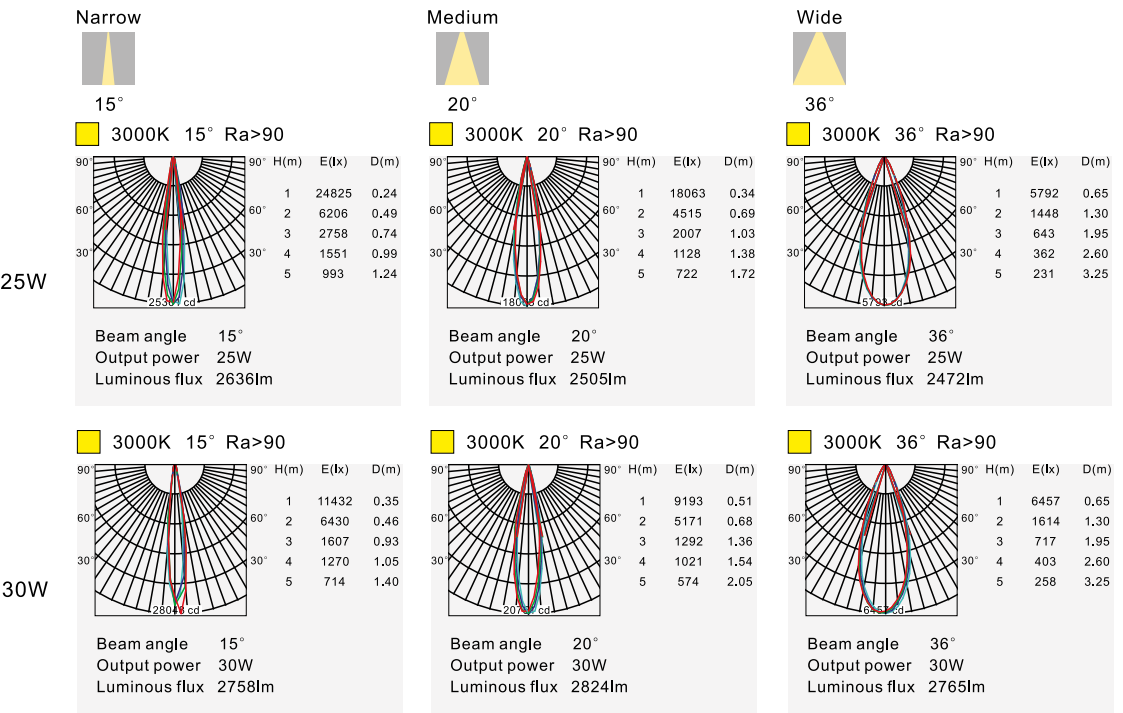
Surface-mounted Spotlight



W	LM	Optic
3000K-CRI 90		
25W	2375	10°
25W	2375	15°
25W	2375	20°
25W	2375	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ITL10L-D-80	25W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80	Honeycomb Filter Stripped Glass Fabric Glass
	15°	15°		3000K		
	20°	20°		3500K		
	36°	36°		4000K		



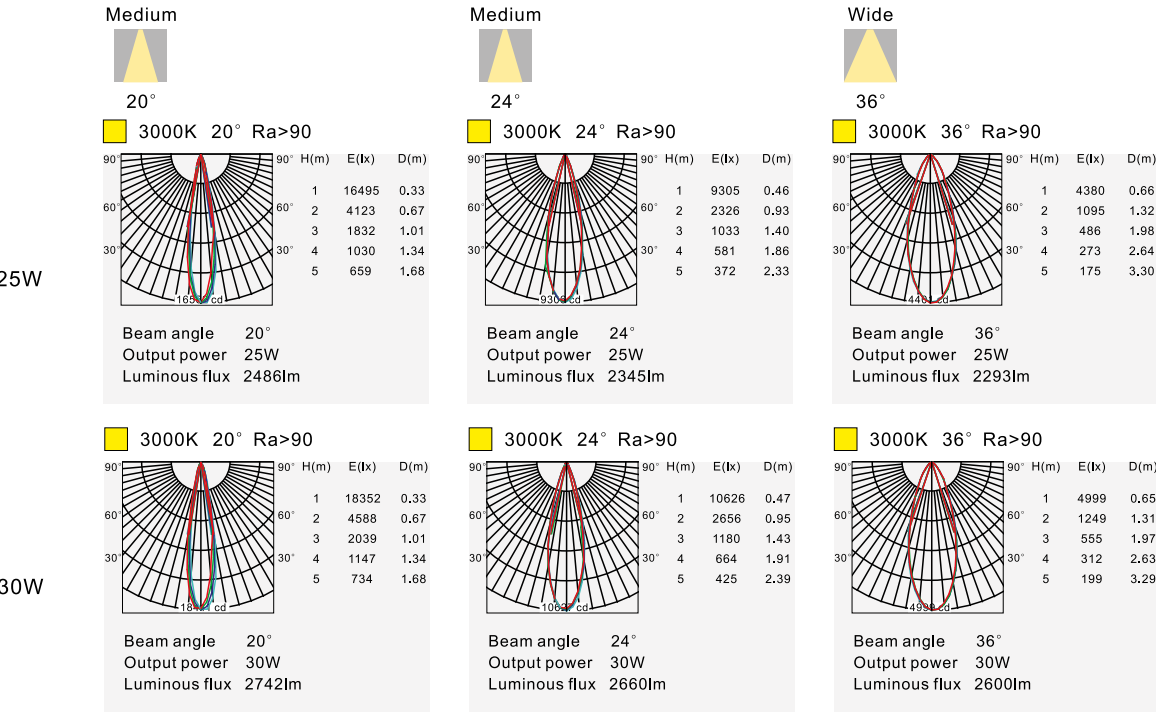
Surface-mounted Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
25W	2250	20°	30W	2700	20°
25W	2250	24°	30W	2700	24°
25W	2250	30°	30W	2700	30°
25W	2250	36°	30W	2700	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories
ITL10R-D-80	25W 30W	20°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
		24°		3000K		
		30°		3500K		
		36°		4000K		



	ITL10L-D-50	ITL10L-D-66	ITL10L-D-80	ITL10R-D-80
	7W	10W	15W	25W 30W 25W 30W
Optics				
Narrow 10°	•	•	•	•
Narrow 15°	•	•	•	•
Medium 20°	•	•	•	•
Medium 24°	•	•	•	•
Wide 30°	•	•	•	•
Wide 36°	•	•	•	•
Flood 60°	•	•	•	•
Oval Flood	•	•	•	•

Colour	
White	•
Black	•

Size	
144mm*50mm*144mm	•
180mm*66mm*165mm	•
180mm*80mm*186mm	•

Flow obviously refers to	
3000K Ra>90	•
3500K Ra>90	•
4000K Ra>90	•
2700K Ra>80	•
3000K Ra>80	•
3500K Ra>80	•
4000K Ra>80	•

Dimming Type	
DALI	•
TRIAC	•
1-10V	•
Non dimmable	•

Optical Accessories	
Honeycomb Filter	•
Stripped Glass	•
Fabric Glass	•

Optical Accessories



Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.



ITL-16 Series Spotlight

350°Rotatable & 90°adjustabledifferentbeam angle,
powerCCT & high CRI,be widely used in differentsite.
high effective power with high purity aluminum,make the
heat-sink cooling effect more outstanding



ITL-16 Series Spotlight

Good Quality LED Chip

Top brand high lumen COB LED,
luminous efficiency of the whole
lighting fixture can be above 85lm/w.

Excellent Heat Dissipation

Use high quality die-casting aluminium
heat sink with convection cooling method,
cooling fast to low down luminous decay
efficiently.

Tiltable

Horizontal rotation 350°and vertical
tilt 90°, achieving precise spotting angle.

Anti-glare

Anti-glare designed lamp body,shading
angle $\geq 30^\circ$



High-power LED
SDCM<3



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Deep anti-dazzle



Optischer cut-off 30



Tiltable 90°



Horizontal 350°



IP level



Different color
filters



Different glasses



Different color
temperatures



Different housing
colours



Different sizes

Optics



Narrow
10°/15°



Medium
20°/24°



Wide
30°/36°



Flood
60°



Oval Flood

Elliptical optics are
obtained by installing
the specific accessory.



Ø50mm
7W

Ø66mm
10W/15W

Ø80mm
25W/30W

Ø93mm
30W/35W

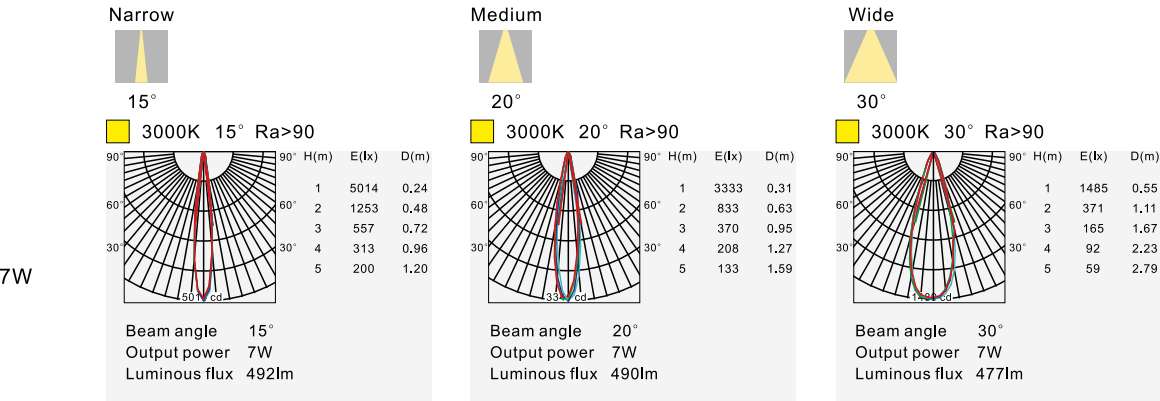
ITL-16 Series Spotlight



W	LM	Optic
3000K-CRI 90		
7W	490	10°
7W	490	15°
7W	490	20°
7W	490	30°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Optical Accessories
ITL16L-A-50	7W	10°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Red Filter Blue Filter Green Filter
		15°		3000K				
		20°		3500K				
		30°		4000K				

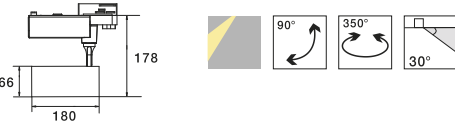


ITL-16 Series Spotlight

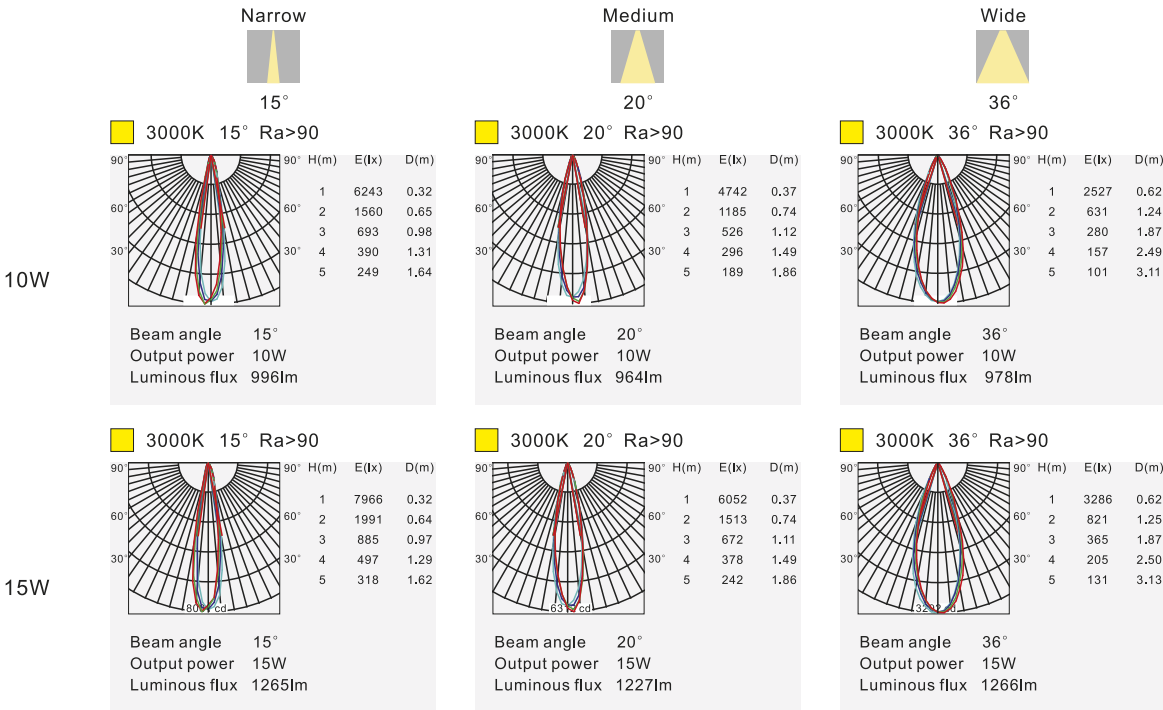


W	LM	Optic
3000K-CRI 90		
10W	950	10°
10W	950	15°
10W	950	20°
10W	950	36°

W	LM	Optic
3000K-CRI 90		
15W	1200	10°
15W	1200	15°
15W	1200	20°
15W	1200	36°



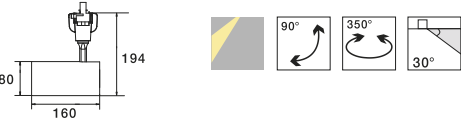
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Optical Accessories
ITL16L-A-66	10W 15W	10°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Red Filter Blue Filter Green Filter
		15°		3000K				
		20°		3500K				
		36°		4000K				



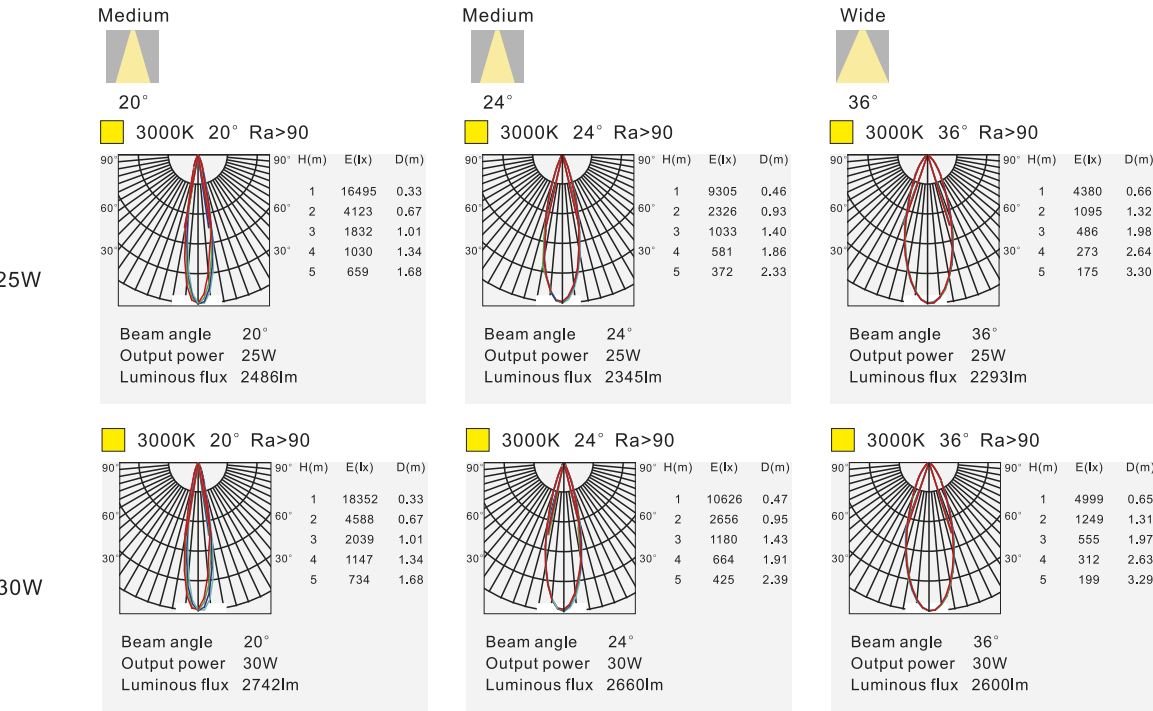
ITL-16 Series Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
25W	2375	20°	30W	2700	20°
25W	2375	24°	30W	2700	24°
25W	2375	30°	30W	2700	30°
25W	2375	36°	30W	2700	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish	Optical Accessories
ITL16R-A-80	25W 30W	20°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Red Filter Blue Filter Green Filter
		24°		3000K				
		30°		3500K				
		36°		4000K				



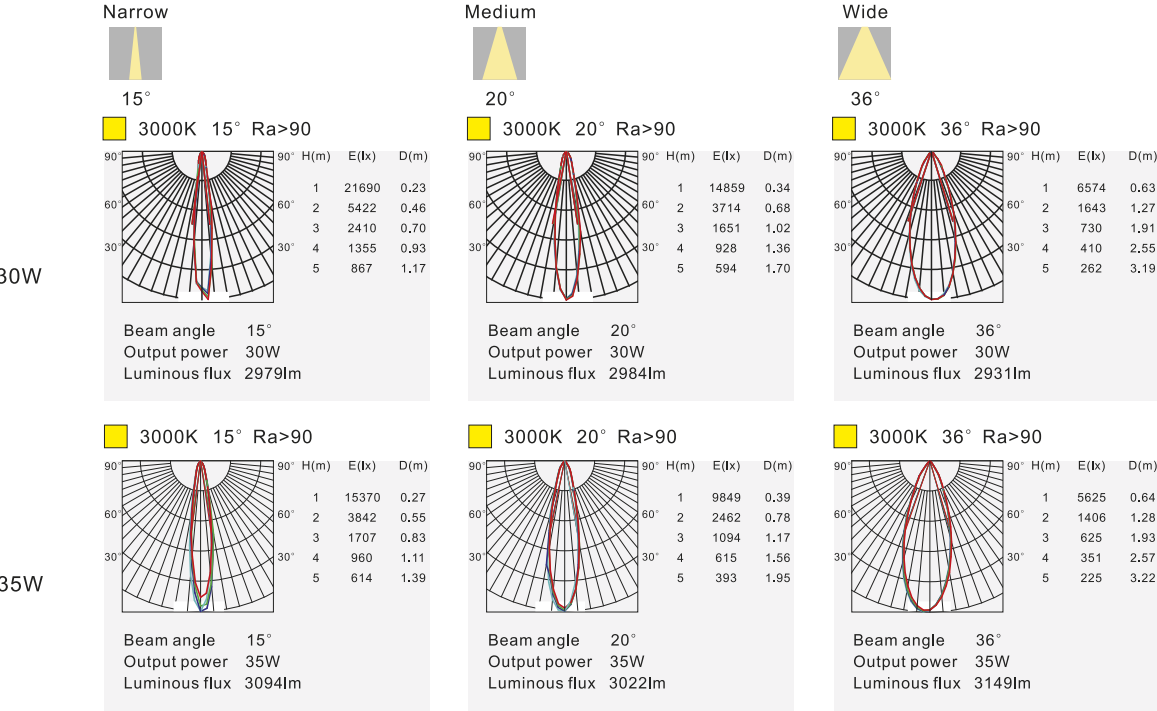
ITL-16 Series Spotlight


















































































































































































W	LM	Optic	W	LM	Optic
3000K-CRI 90					
30W	2850	15°	35W	3150	15°
30W	2850	20°	35W	3150	20°
30W	2850	36°	35W	3150	36°
30W	2850	60°	35W	3150	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL16R-A-93	30W 35W	15°	TRIAC 1~10V DALI Non dimmable	2700K	Ra>80 Ra>90	2-phase track 3-phase track	Black White
		20°		3000K			
		36°		3500K			
		60°		4000K			



	ITL16L-A-50	ITL16L-A-66		ITL16R-A-80		ITL16R-A-93	
	7W	10W	15W	25W	30W	30W	35W
Optics							
 Narrow 10°							
 Narrow 15°							
 Medium 20°							
 Medium 24°							
 Wide 30°							
 Wide 36°							
 Flood 60°							
 Oval Flood							
Colour							
White							
Black							
Size							
144mm*50mm*162mm							
180mm*66mm*178mm							
160mm*80mm*194mm							
168mm*93mm*200mm							
Flow obviously refers to							
3000K Ra>90							
3500K Ra>90							
4000K Ra>90							
2700K Ra>80							
3000K Ra>80							
3500K Ra>80							
4000K Ra>80							
Dimming Type							
DALI							
TRIAC							
1-10V							
Non dimmable							
Installation							
1-phase track							
2-phase track							
3-phase track							
Optical Accessories							
Honeycomb Filter							
Stripped Glass							
Red Filter							
Green Filter							
Blue Filter							

Optical Accessories



Honeycomb Filter



Stripped Glass



Red Filter



Green Filter



Blue Filter

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.



ITL-23 Series Spotlight

350°Rotatable & 90°adjustable,different beam angle,
power CCT & high CRI,be widely used in different site.
high effective power with high purity aluminum,make the
heat-sink cooling effect more outstanding.



ITL-23 Series Spotlight

Good Quality LED Chip

Top brand high lumen COB LED,
luminous efficiency of the whole
lighting fixture can be above 75lm/w.

Excellent Heat Dissipation

Use high quality die-casting aluminium
heat sink with convection cooling method,
cooling fast to low down luminous decay
efficiently.

Tiltable

Horizontal rotation 350°and vertical
tilt 90°, achieving precise spoting angle.

Anti-glare

Anti-glare designed lamp body.



High-power LED
SDCM<5



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Deep anti-dazzle



Optischer cut-off 30



Tiltable 90°



Horizontal 350°



IP level



Different color
temperatures



Different sizes



Different housing
colours

Optics



Narrow
15°



Medium
20°/24°



Wide
36°/40°



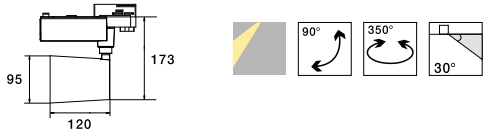
Flood
60°



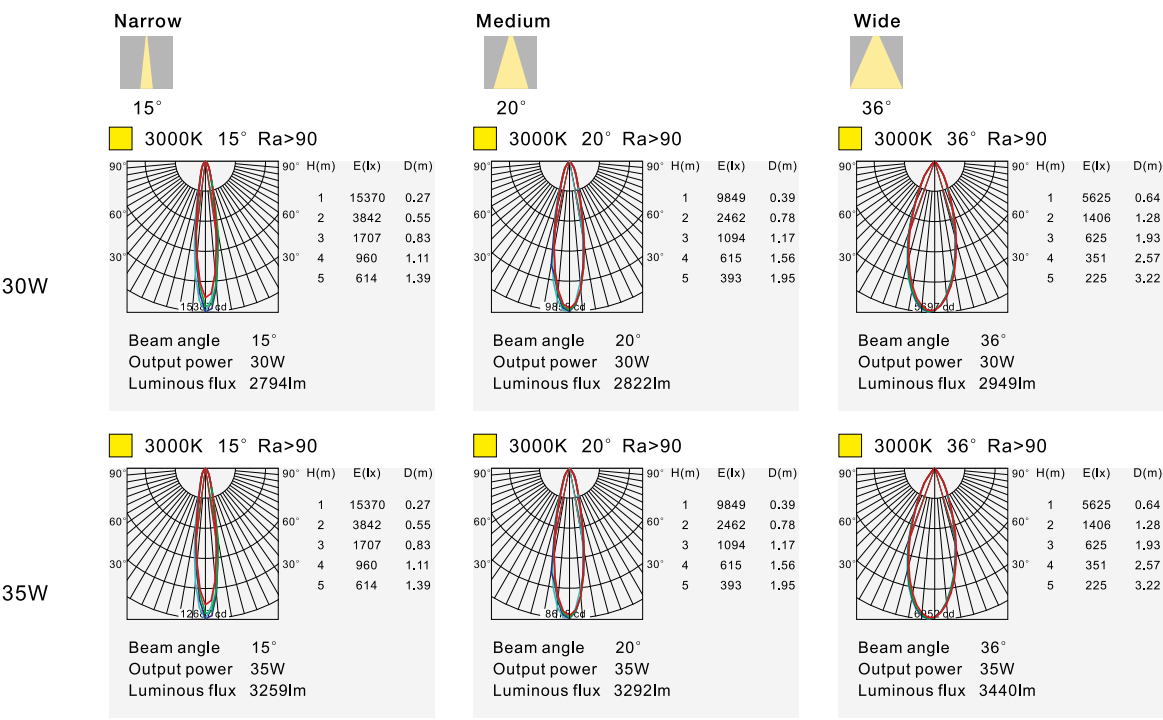
ITL-23 Series Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2850	15°	35W	3150	15°
30W	2850	20°	35W	3150	20°
30W	2850	36°	35W	3150	36°
30W	2850	60°	35W	3150	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL23-A-95	30W	15°	TRIAC	2700K	Ra>80	1-phase track	Black
	35W	20°	1~10V	3000K		2-phase track	
		36°	DALI	3500K		3-phase track	
		60°	Non dimmable	4000K		L6+DALI track	



Accentuation
Meet the demand of accent lighting and spatial lighting for the building.

Spotlights
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

LED
30W-35W
2700lm-3150lm

Accentuation
Meet the demand of accent lighting and spatial lighting for the building.

Spotlights
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

LED
40W
3600lm



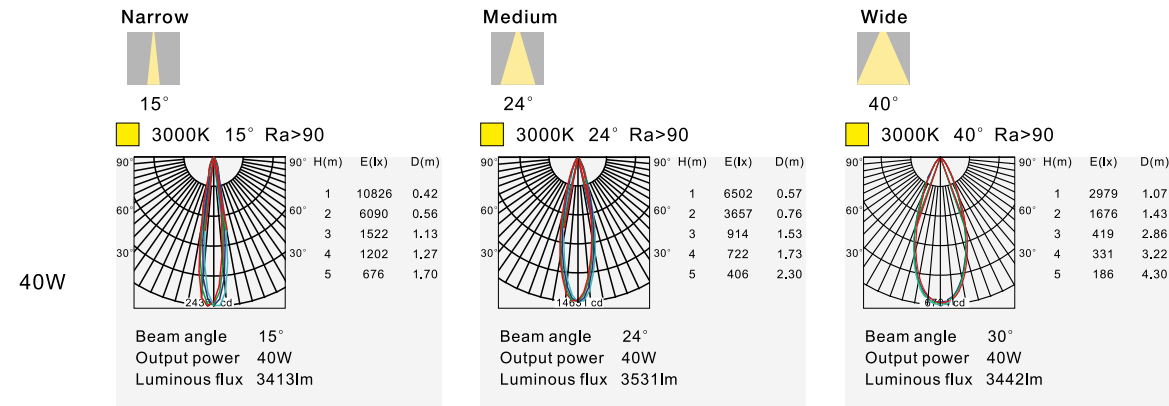
ITL-23 Series Spotlight



W	LM	Optic
3000K-CRI 90		
40W	3600	15°
40W	3600	24°
40W	3600	40°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL23-A-11	40W	15°	TRIAC	2700K	Ra>80	1-phase track	Black White
		24°	1~10V	3000K		2-phase track	
		40°	DALI	3500K		3-phase track	
			Non dimmable	4000K			



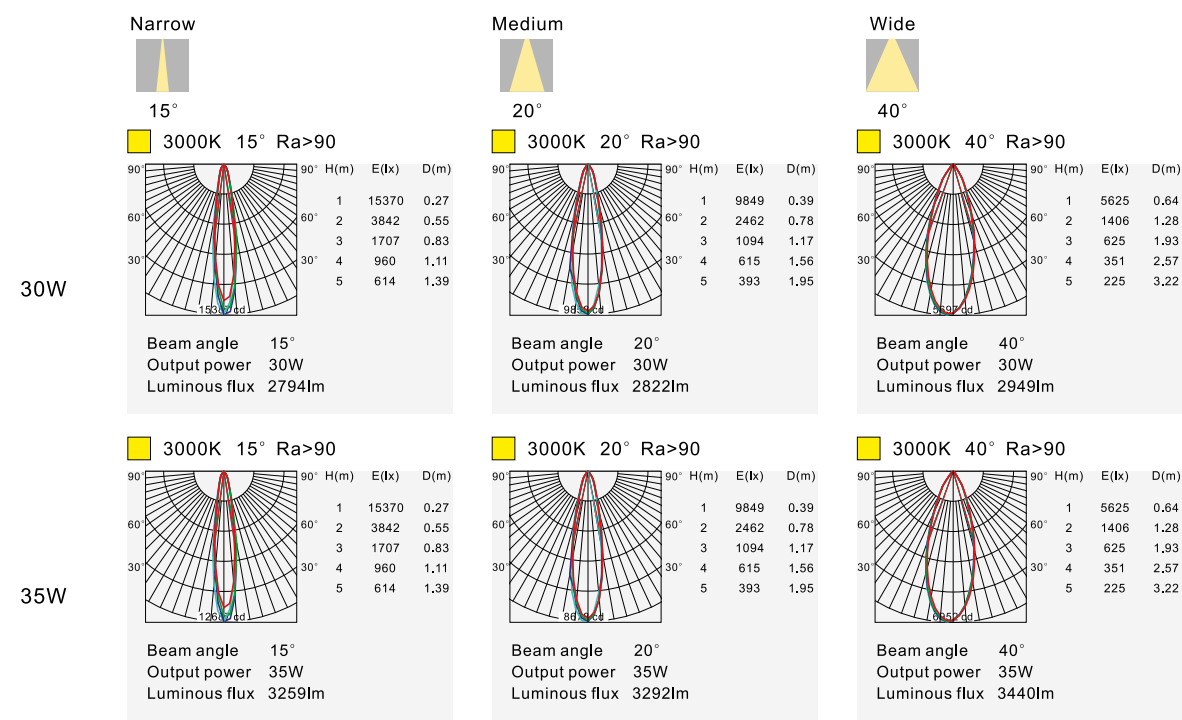
ITL-23 Series Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
30W	2850	15°	35W	3150	15°
30W	2850	20°	35W	3150	20°
30W	2850	40°	35W	3150	40°
30W	2850	60°	35W	3150	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL23-B-95	30W 35W	15°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	1-phase track	Black White
		20°		3000K		2-phase track	
		40°		3500K		3-phase track	
		60°		4000K			



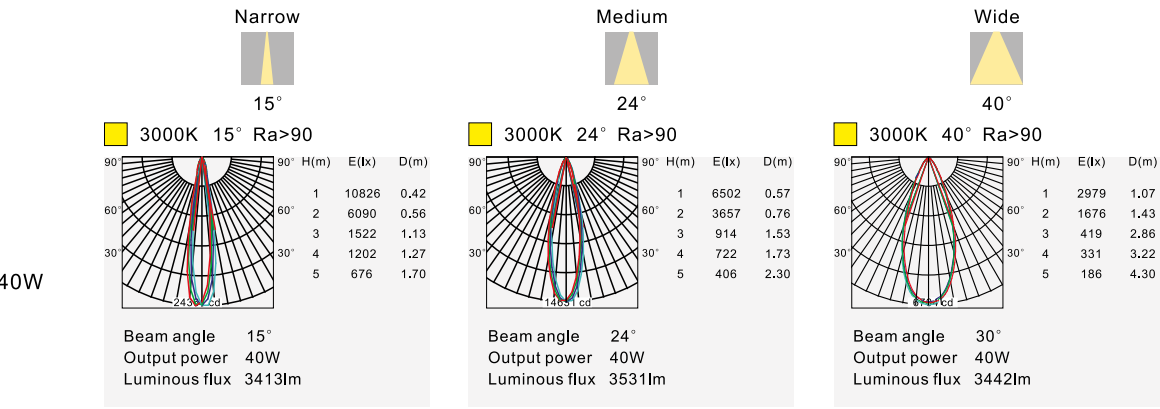
ITL-23 Series Spotlight



W	LM	Optic
3000K-CRI 90		
40W	3600	15°
40W	3600	24°
40W	3600	40°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL23-B-11	40W	15°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
		24°		3000K			
		40°		3500K			
				4000K			



ITL-22 Series Spotlight

350°Rotatable & 90°adjustabledifferentbeam angle,
power CCT & high CRI,be widely used in differentsite.
high effective power with high purity aluminum,make the
heat-sink cooling effect more outstanding



ITL-22 Series Spotlight

Good Quality LED Chip

Top brand high lumen COB LED,
luminous efficiency of the whole
lighting fixture can be above 85lm/w.

Excellent Heat Dissipation

Use high quality die-casting aluminium
heat sink with convection cooling method,
cooling fast to low down luminous decay
efficiently.

Tilttable

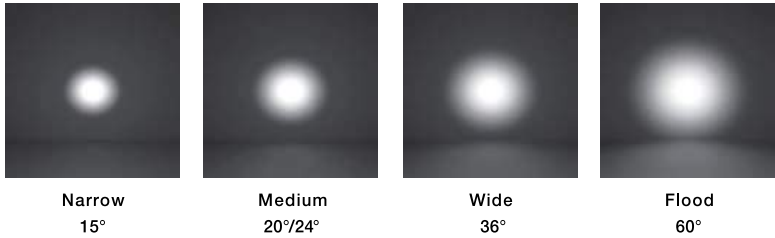
Horizontal rotation 350°and vertical
tilt 90°, achieving precise spoting angle.

Anti-glare

Anti-glare designed lamp body.

	High-power LED SDCM<5		Excellent thermal management		EMC - optimised
	Different light distributions		DALI dimming		Different dimming
	Deep anti-dazzle		Optischer cut-off 30		Tilttable 90°
	Horizontal 350°		IP level		Different color temperatures
	Different sizes		Different housing colours		

Optics

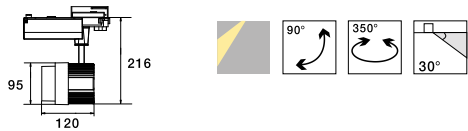




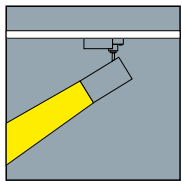
ITL-22 Series Spotlight



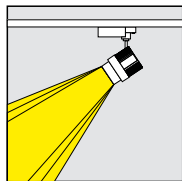
W	LM	Optic
3000K-CRI 90		
30W	2550	15°
30W	2550	20°
30W	2550	36°
30W	2550	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL22-A-95	30W	15°	TRIAC	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
		20°	1~10V	3000K			
		36°	DALI	3500K			
		60°	Non dimmable	4000K			

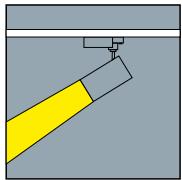


Accentuation
Meet the demand of accent lighting and spatial lighting for the building.

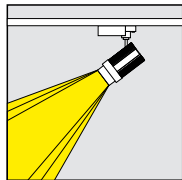


Spotlights
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

LED
30W
2550lm



Accentuation
Meet the demand of accent lighting and spatial lighting for the building.



Spotlights
Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting.

LED
50W
4250lm



Ø95mm
30W

Ø95mm
50W

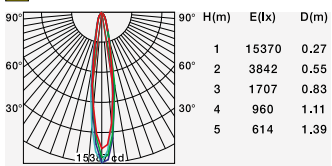
Ø95mm
30W

Ø95mm
50W



15°

3000K 15° Ra>90

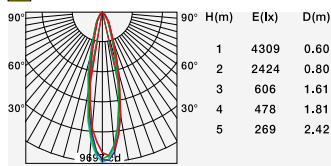


Beam angle 15°
Output power 30W
Luminous flux 2644lm



20°

3000K 20° Ra>90

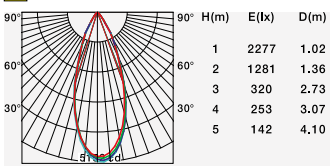


Beam angle 20°
Output power 30W
Luminous flux 2472lm



36°

3000K 36° Ra>90



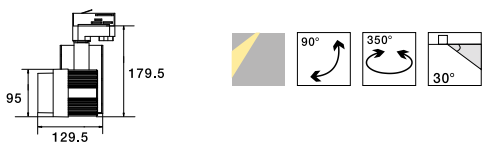
Beam angle 36°
Output power 30W
Luminous flux 2516lm

ITL-22 Series Spotlight



W	LM	Optic
3000K-CRI 90		
50W	4250	15°
50W	4250	24°
50W	4250	36°
50W	4250	60°

W	LM	Optic
3000K-CRI 90		
30W	2550	15°
30W	2550	20°
30W	2550	36°
30W	2550	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL22-A-95	50W	15°	DALI Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
		24°		3000K			
		36°		3500K			
		60°		4000K			
ITL22-B-95	30W	15°	TRIAC Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
		20°		3000K			
		36°		3500K			
		60°		4000K			

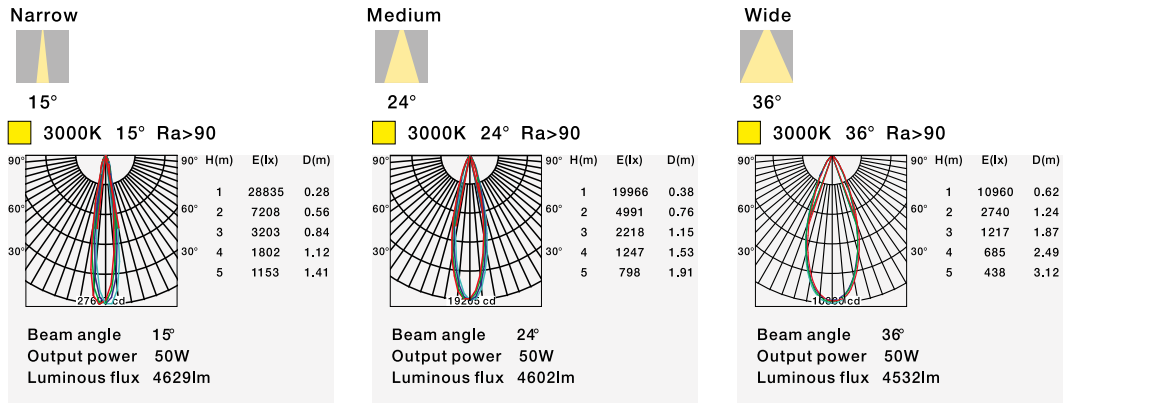
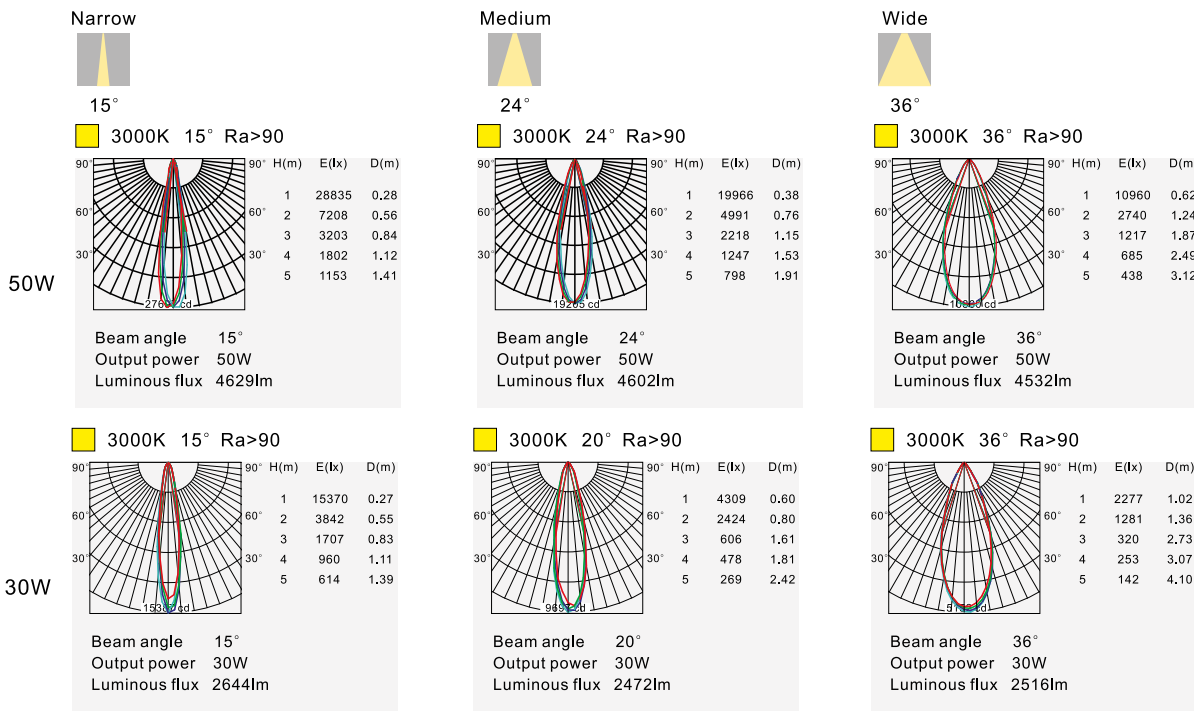
ITL-22 Series Spotlight








W	LM	Optic
3000K-CRI 90		
50W	4250	15°
50W	4250	24°
50W	4250	36°
50W	4250	60°



Model	Power	Beam Angle	CCT	CRI	Installation	Finish
ITL22-A-95	50W	15°	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
		24°	3000K			
		36°	3500K			
		60°	4000K			



	ITL22-A-95		ITL22-B-95	
	30W	50W	30W	50W
Optics				
 Narrow 15°	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
 Medium 20°	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
 Medium 24°	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
 Wide 36°	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
 Flood 60°	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Colour				
White	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Black	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Size				
120mm*95mm*216mm	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
179mm*95mm*191mm	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
129.5mm*95mm*179.5mm	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
179mm*95mm*179.5mm	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Flow obviously refers to				
3000K Ra>90	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
3500K Ra>90	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
4000K Ra>90	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
2700K Ra>80	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
3000K Ra>80	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
3500K Ra>80	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
4000K Ra>80	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Dimming Type				
DALI	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
TRIAC	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
1-10V	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Non dimmable	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
Installation				
1-phase track	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
2-phase track	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
3-phase track	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

IT1 Series Spotlight

350°Rotatable & 90°adjustable,different beam angle, power CCT & high CRI,be widely used in different site. high effective power with high purity aluminum,make the heat-sink cooling effect more outstanding.



IT1 Series Spotlight

Good Quality LED Chip

Top brand high lumen COB LED, luminous efficiency of the whole lighting fixture can be above 85lm/w.

Excellent Heat Dissipation

Use high quality die-casting aluminium heat sink with convection cooling method, cooling fast to low down luminous decay efficiently.

Tiltable

Horizontal rotation 350°and vertical tilt 90°, achieving precise spoting angle.

Anti-glare

Anti-glare designed lamp body.



High-power LED
SDCM<5



Excellent thermal
management



EMC - optimised



Different light
distributions



DALI dimming



Different dimming



Deep anti-dazzle



Optischer cut-off 30°



Tiltable 90°



Horizontal 350°



IP level



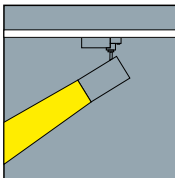
Different color
temperatures



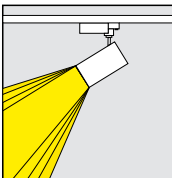
Different sizes



Different housing
colours



Accentuation
Meet the demand of
accent lighting and
spatial lighting for the
building.



Spotlights
Narrow to very wide beam ,
rotationally symmetrical light
distribution for accent lighting.

LED
7W-40W
595lm-3400lm



Ø50mm
7W/10W



Ø66mm
15W/20W/30W



Ø74mm
25W/30W



Ø90mm
35W/40W

Optics



Narrow
15°



Medium
20°/24°

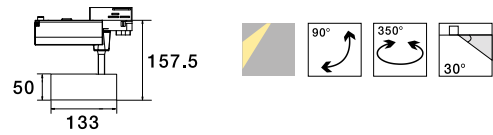


Wide
36°

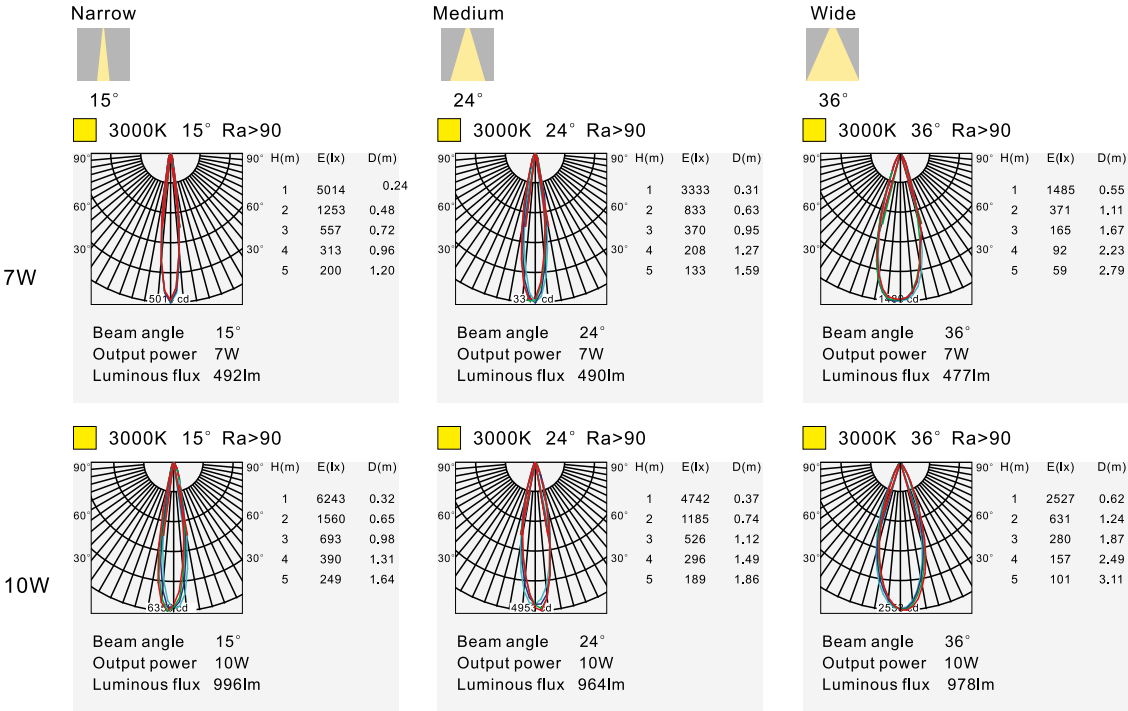
IT1 Series Spotlight



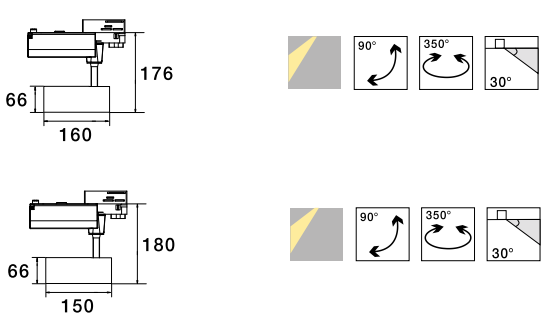
W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
7W	595	15°	10W	850	15°
7W	595	24°	10W	850	24°
7W	595	36°	10W	850	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
IT1-50	7W	15°	TRIAC DALI 1-10V Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
	10W	24°		3000K			
		36°		3500K			
				4000K			

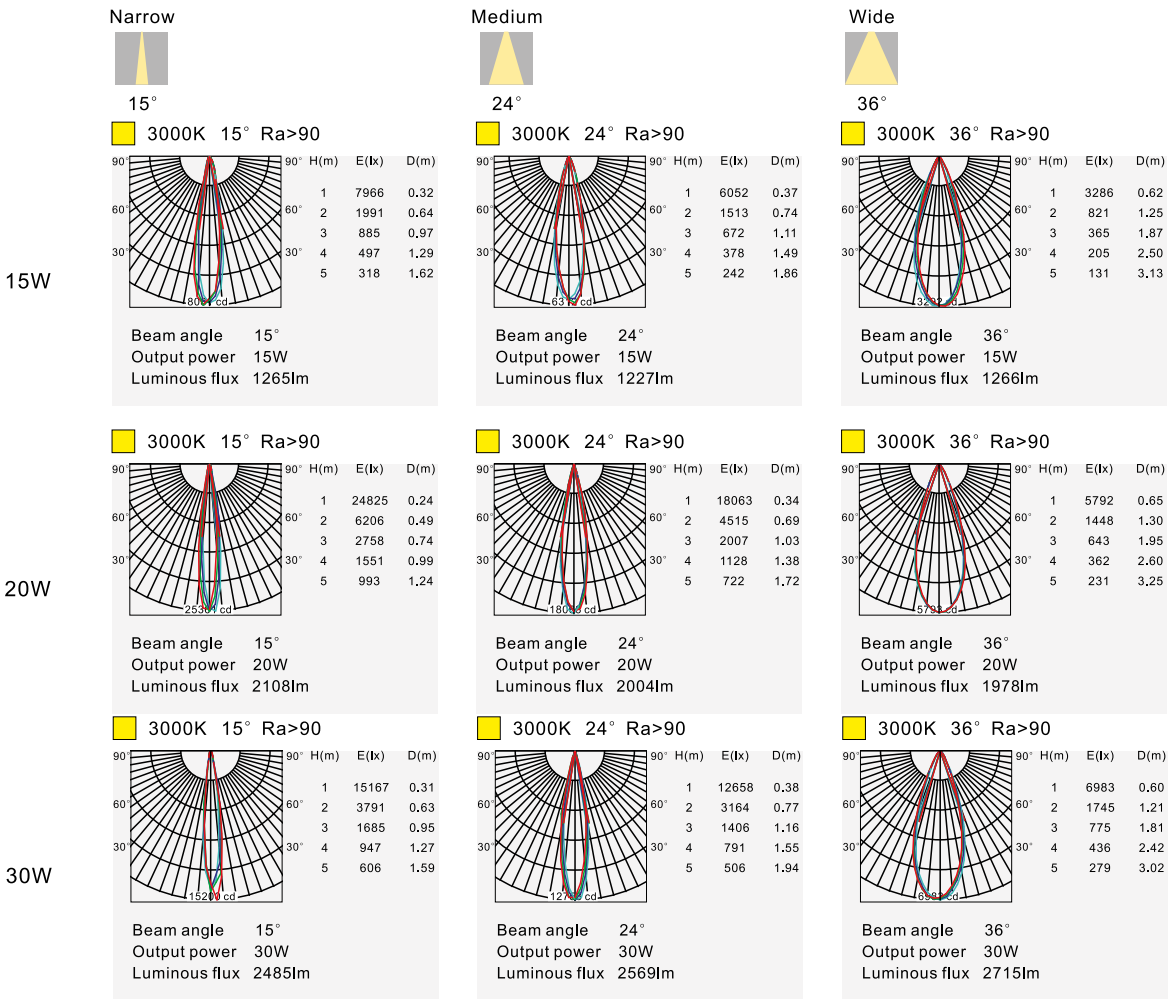


IT1 Series Spotlight

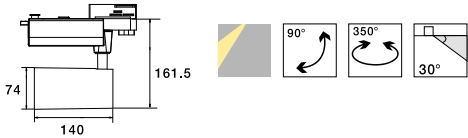


W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90			3000K-CRI 90		
15W	1275	15°	20W	1700	15°	30W	2550	15°
15W	1275	24°	20W	1700	24°	30W	2550	24°
15W	1275	36°	20W	1700	36°	30W	2550	36°

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
IT1-66	15W	15°	TRIAC DALI 1-10V Non dimmable	2700K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
	20W	24°		3000K			
	30W	36°		3500K			
				4000K			

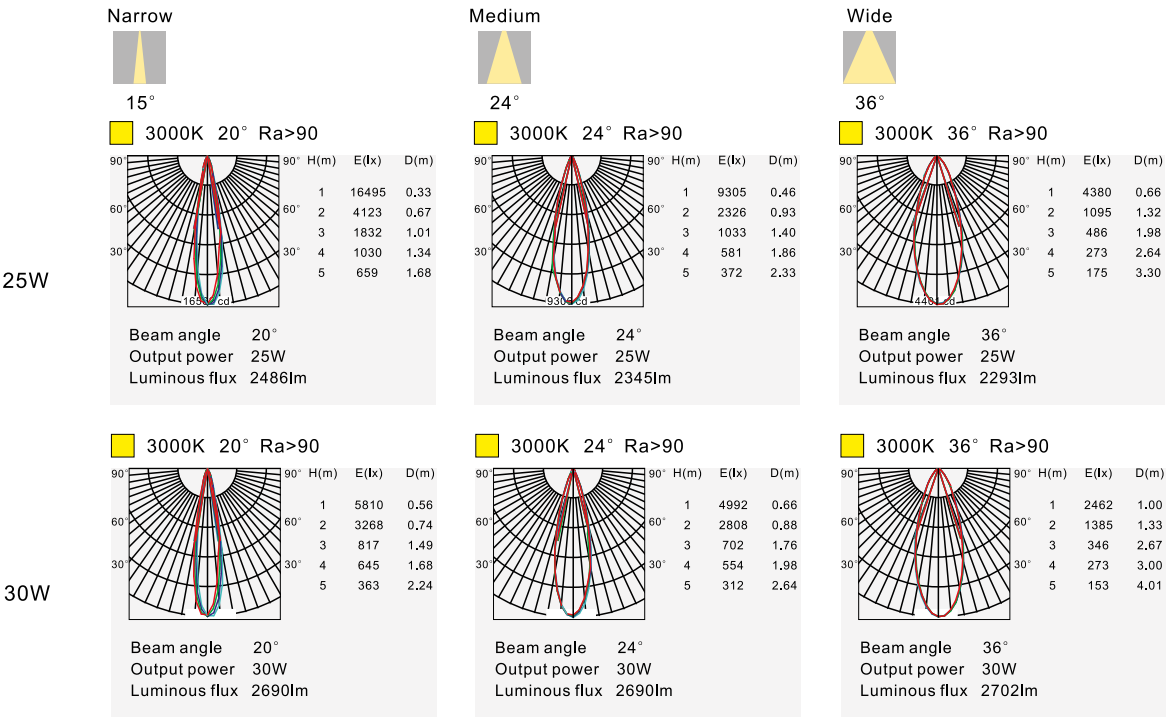


IT1 Series Spotlight



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
25W	2150	20°	30W	2550	20°
25W	2150	24°	30W	2550	24°
25W	2150	36°	30W	2550	36°

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
IT1-74	25W	20°	TRIAC	2700K	Ra>80	1-phase track	Black
	30W	24°	1~10V	3000K			
		36°	DALI	3500K			
			Non dimmable	4000K			



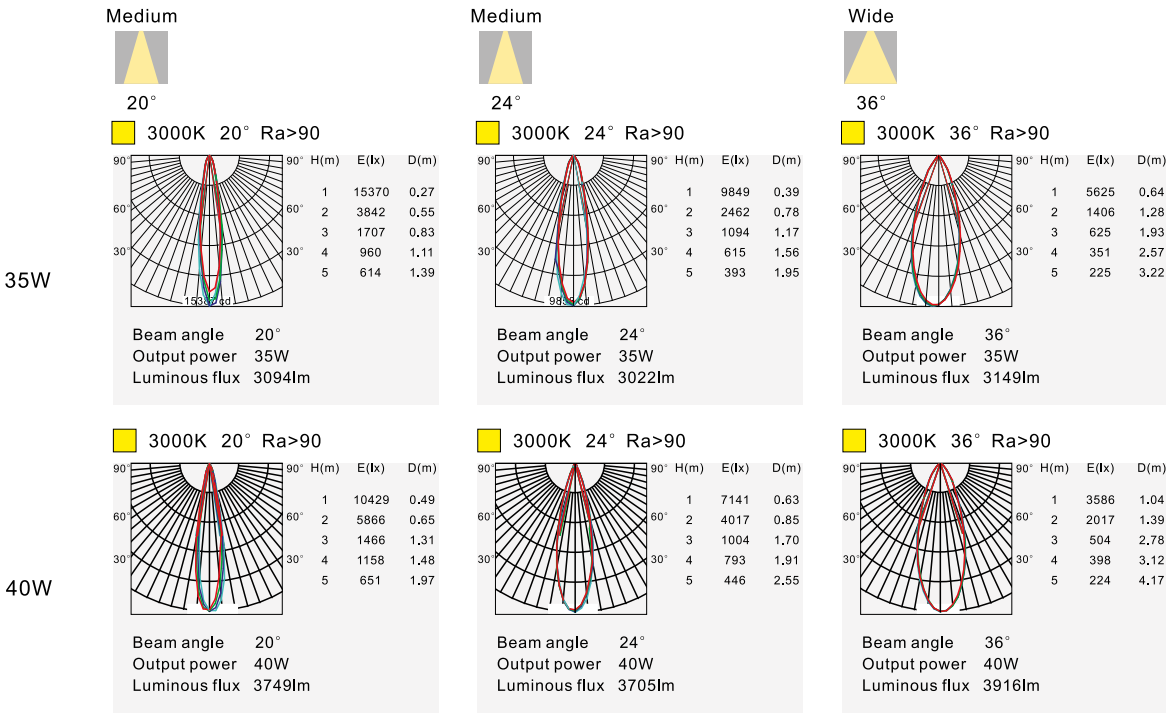
IT1 Series Spotlight







W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
35W	2975	20°	40W	3400	20°
35W	2975	24°	40W	3400	24°
35W	2975	36°	40W	3400	36°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
IT1-90	35W	20°	TRIAC	2700K	Ra>80	1-phase track	Black
	40W	24°	1~10V	3000K			
		36°	DALI	3500K			
			Non dimmable	4000K			



	IT1-50		IT1-66			IT1-74		IT1-90	
	7W	10W	15W	20W	30W	25W	30W	35W	40W
Optics									
 Narrow 15°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>	<div></div>	<div></div>
 Medium 20°			<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
 Medium 24°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
 Wide 36°	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>
Colour									
White	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Black	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Size									
133mm*50mm*157.5mm	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>		<div></div>		<div></div>
160mm*66mm*176mm			<div></div>	<div></div>	<div></div>		<div></div>		<div></div>
150mm*66mm*180mm					<div></div>		<div></div>		
140mm*74mm*161.5mm						<div></div>	<div></div>	<div></div>	<div></div>
140mm*91.5mm*179mm								<div></div>	<div></div>
Flow obviously refers to									
3000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>90	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2700K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3500K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4000K Ra>80	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Dimming Type									
DALI	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
TRIAC	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
1-10V	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Non dimmable	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Installation									
1-phase track	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2-phase track	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3-phase track	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.



Overview

Surface Mounted / Pendant Downlights



IMD03

IMD02R
COB

IMD02D
SMD

Performances			
Optic	15°/20°/24°/30° 36°/45°/60°	60°	90°
Power	15W/20W/25W	12W/15W/20W/25W	12W/15W/20W/30W
Light flow	1200LM-2000LM	960LM-2000LM	960LM-2400LM
Colour temperature	2700K-4000K	2700K-4000K	2700K-4000K
Dimming Type	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V	DALI/TRIAC/1-10V
Installation			
Ceiling-mounted	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Pendant	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Wall-mounted	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Versions			
Round	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Square	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
Accessories			
Optics	<div><div>A</div></div>	<div><div></div></div>	<div><div></div></div>

IMD03 Series

Surface Mounted / Pendant Downlight

Simple but exquisite square mounted downlight combines aesthetic features and performance. High quality and special painting meet high standard demands.



IMD02R Series

Surface Mounted / Pendant Downlights

Simple but exquisite, IINNO'smounted downlight combines aesthetic features and performance. A variety of choices and customized services depending on your requirements.



IMD02R Series

Surface Mounted / Pendant Downlights



High-performance Chip

By using a high quality and high efficiency led chip with Ra>90

Excellent Heat Dissipation

One-piece heat dissipation structure, cooling effect is better



High-power LED
SCDM<3



DALI dimming



Different color
temperatures

Relector

A professional design with high quality optical materials including an AL01090 aluminum reflector for COB

Anti-glare

Anti-glare designed lamp body, shading angle $\geq 30^\circ$



Excellent thermal
management



TRIAC dimming



Different sizes

Easy installation

Surface mounted grille light with driver build-in, easy to be installed tracelessly.



EMC - optimised



IP level



Optischer cut-off 30

Optics



Flood
60°



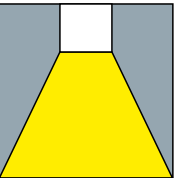
IMD02R-A Series Surface Mounted / Pendant Downlights 4inch



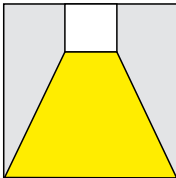
W	LM	Optic
3000K-CRI 90		
12W	960	60°
15W	1200	60°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02R-A-4	12W	60°	DALI	2700K	Ra>80 Ra>90
	15W		TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	

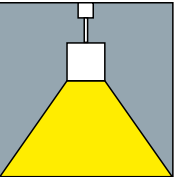


General lighting
Ambient lighting produced by wide beam light distribution

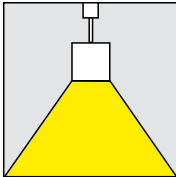


Surface mounted downlight
Wide beam ,rotationally symmetrical light distribution for general lighting.

LED
12W-25W
960lm-2000lm



General lighting
Ambient lighting produced by wide beam light distribution



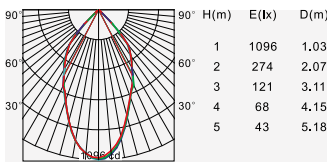
Surface mounted downlight
Wide beam ,rotationally symmetrical light distribution for general lighting.

LED
12W-25W
960lm-2000lm



12W

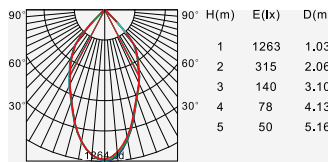
3000K 60° Ra>90



Beam angle 60°
Output power 12W
Luminous flux 991lm

15W

3000K 60° Ra>90



Beam angle 60°
Output power 15W
Luminous flux 1142lm



Ø117
H115
12W/15W

Ø170
H137
15W/20W

Ø200
H139
20W/25W

Pendant

IMD02R-A

Surface Mounted / Pendant Downlights

6/8inch



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
15W	1200	60°	20W	1600	60°
20W	1600	60°	25W	2000	60°

170

137

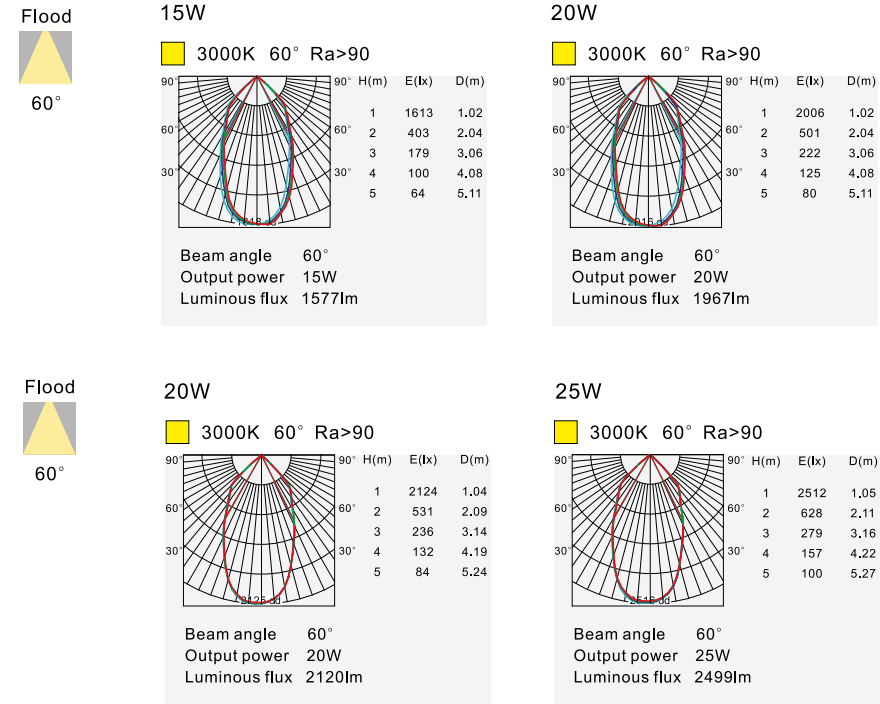
30°

200

139

30°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02R-A-6	15W	60°	DALI	2700K	Ra>80
	20W		TRIAC	3000K	
IMD02R-A-8	20W		1-10V	3500K	
	25W		Non dimmable	4000K	Ra>90



IMD02R-B

Surface Mounted / Pendant Downlights

4/6inch



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
12W	960	60°	15W	1200	60°
15W	1200	60°	20W	1600	60°

1500

115

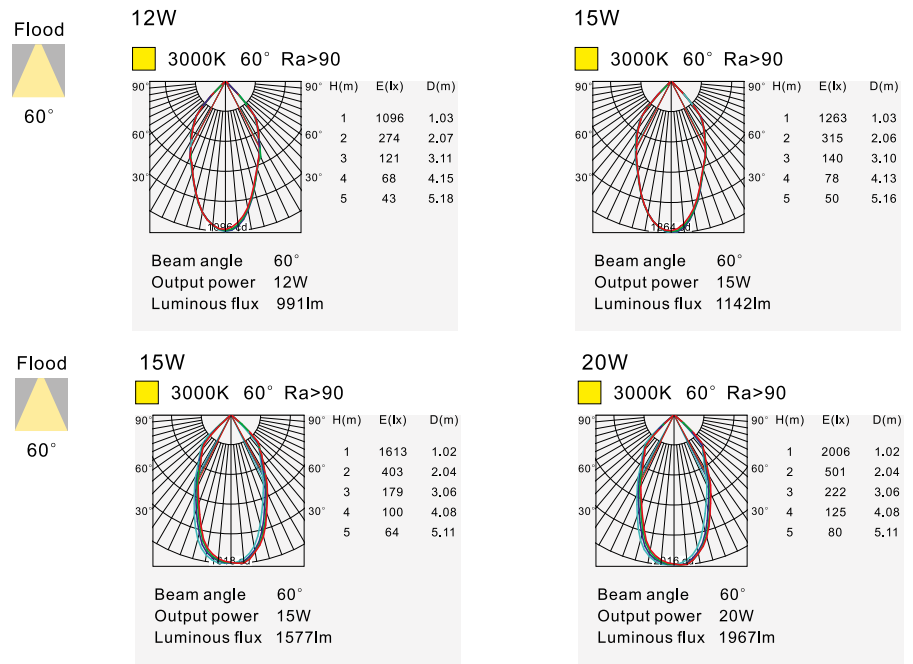
30°

1500

137

30°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02R-B-4	12W	60°	DALI	2700K	Ra>80
	15W		TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	Ra>90
IMD02R-B-6	15W	60°	DALI	2700K	Ra>80
	20W		TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	Ra>90



IMD02R-B

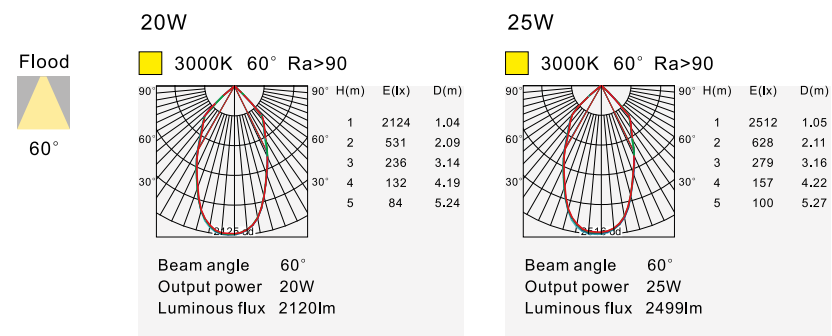
Surface Mounted / Pendant Downlights

8inch



W	LM	Optic
3000K-CRI 90		
20W	1600	60°
25W	2000	60°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02R-B-8	20W 25W	60°	DALI	2700K	Ra>80 Ra>90
			TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	



	IMD02R-A-4		IMD02R-A-6		IMD02R-A-8		IMD02R-B-4		IMD02R-B-6		IMD02R-B-8	
	12W	15W	15W	20W	20W	25W	12W	15W	15W	20W	20W	25W
Optics												
Flood 60°	•	•	•	•	•	•	•	•	•	•	•	•
Colour												
White	•	•	•	•	•	•	•	•	•	•	•	•
Size												
117mm*115mm	•	•	•	•	•	•	•	•	•	•	•	•
170mm*137mm	•	•	•	•	•	•	•	•	•	•	•	•
200mm*139mm	•	•	•	•	•	•	•	•	•	•	•	•
117mm*115mm*1500mm	•	•	•	•	•	•	•	•	•	•	•	•
170mm*137mm*1500mm	•	•	•	•	•	•	•	•	•	•	•	•
200mm*139mm*1500mm	•	•	•	•	•	•	•	•	•	•	•	•
Flow obviously refers to												
2700K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•
Installation												
Ceiling-mounted	•	•	•	•	•	•	•	•	•	•	•	•
Pendant	•	•	•	•	•	•	•	•	•	•	•	•
Dimming Type												
DALI	•	•	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•	•	•	•
Non dimmable	•	•	•	•	•	•	•	•	•	•	•	•

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

IMD02D

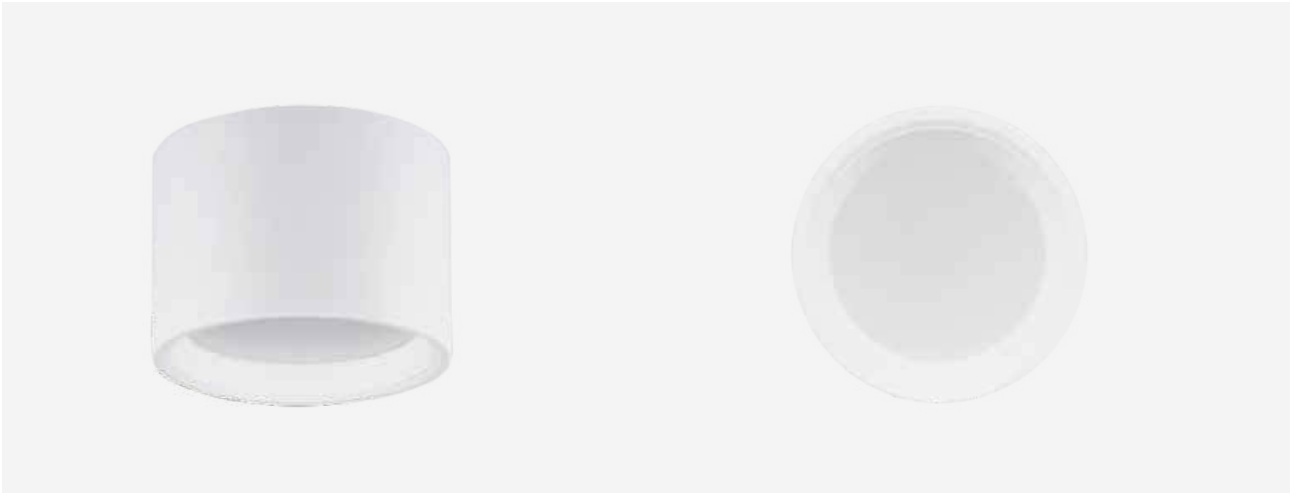
Surface Mounted / Pendant Downlights

Simple but exquisite, IINNO's mounted downlight combines aesthetic features and performance. A variety of choices and customized services depending on your requirements.




IMD02D-A


Surface Mounted / Pendant Downlights




High-performance Chip
By using a high quality and high efficiency led chip with Ra>80

Excellent Heat Dissipation
One-piece heat dissipation structure, cooling effect is better


**High-power LED**
SCDM<5


**DALI dimming**


**Different color temperatures**

Optimum material
superior PMMA transparent cover, distributing uniform luminous beam


Anti-glare
Anti-glare designed lamp body.


**Excellent thermal management**

**TRIAC dimming**

**Different sizes**

Easy installation
Surface mounted grille light with driver build-in, easy to be installed tracelessly.

**EMC - optimised**

**IP level**

Optics



Wide Flood
90°



IMD02D-A

Surface Mounted / Pendant Downlights

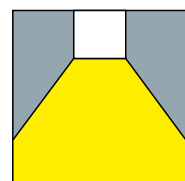
4/6inch



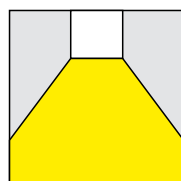
W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-CRI 90		
12W	960	90°	15W	1200	90°
15W	1200	90°	20W	1600	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02D-A-4	12W	90°	DALI	2700K	Ra>80
	15W		TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	
IMD02D-A-6	15W	90°	DALI	2700K	Ra>80
	20W		TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	

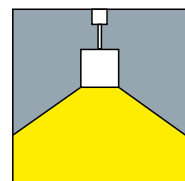


General lighting
Ambient lighting
produced by wide
beam light distribution

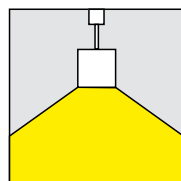


Surface mounted downlight
Wide beam ,rotationally
symmetrical light distribution
for general lighting.

LED
12W-30W
960lm-2400lm



General lighting
Ambient lighting
produced by wide
beam light distribution



Surface mounted downlight
Wide beam ,rotationally
symmetrical light distribution
for general lighting.

LED
12W-30W
960lm-2400lm

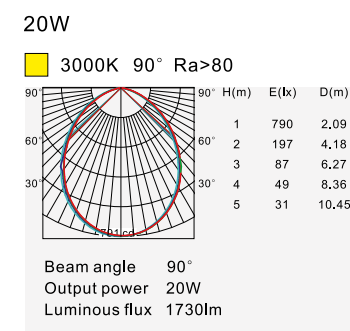
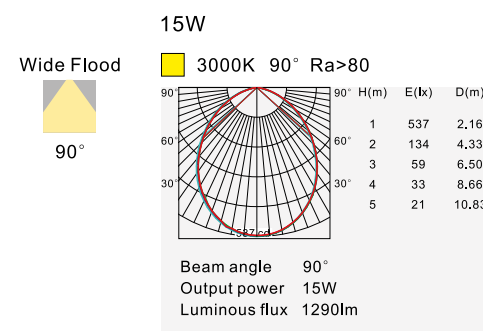
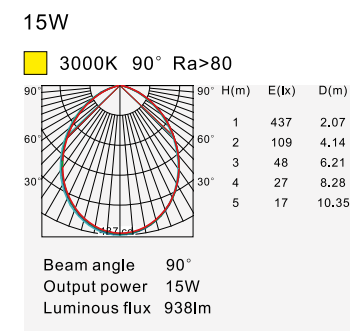
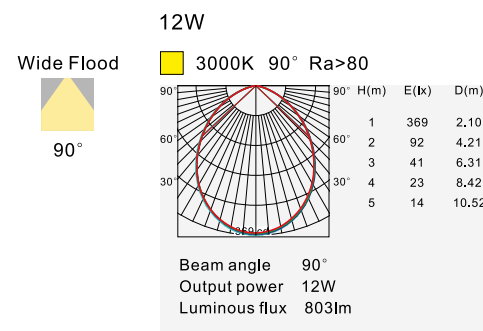


Ø130
H100
12W/15W

Ø160
H115
15W/20W

Ø195
H130
20W/30W

Pendant



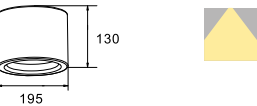
IMD02D-A

Surface Mounted / Pendant Downlights

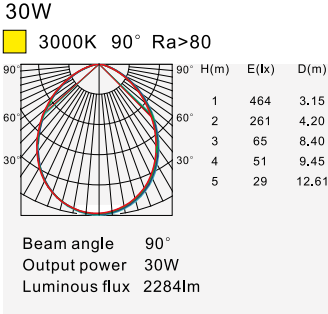
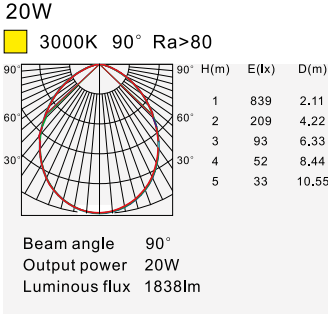
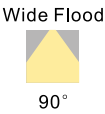
8inch



W	LM	Optic
3000K-CRI 90		
20W	1600	90°
30W	2400	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02D-A-8	20W	90°	Non dimmable DALI TRIAC 1-10V	4000K	Ra>80 Ra>90
	30W			2700K 3000K 3500K	



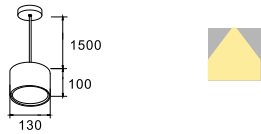
IMD02D-A

Surface Mounted / Pendant Downlights

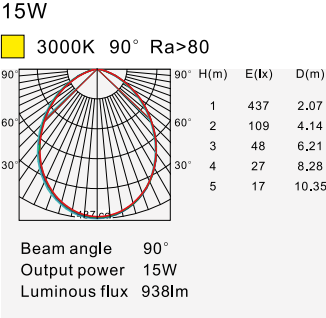
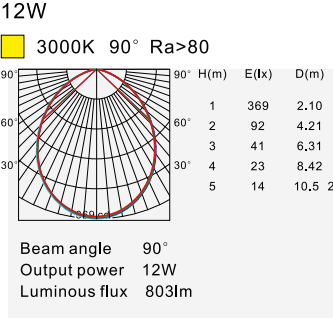
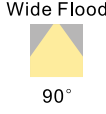
4inch



W	LM	Optic
3000K-CRI 90		
12W	960	90°
15W	1200	90°



Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02D-B-4	12W	90°	Non dimmable DALI TRIAC 1-10V	4000K	Ra>80 Ra>90
	15W			2700K 3000K 3500K	



IMD02R-B

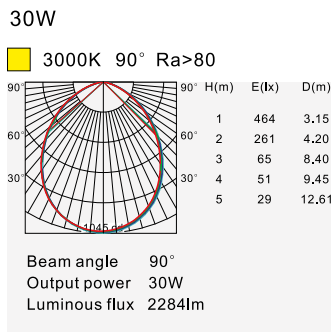
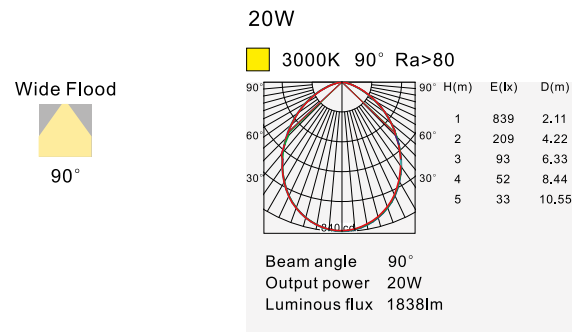
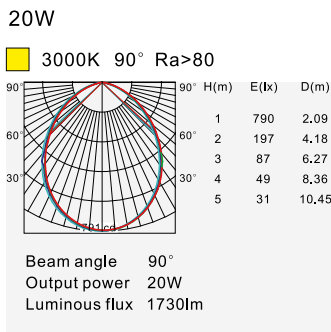
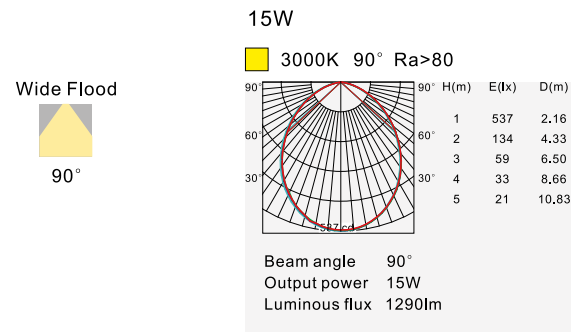
Surface Mounted / Pendant Downlights

6/8inch



W	LM	Optic	W	LM	Optic
3000K-CRI 90					
15W	1200	90°	20W	1600	90°
20W	1600	90°	30W	2400	90°

Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02D-B-6	15W 20W	90°	DALI	2700K	Ra>80 Ra>90
			TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	
IMD02D-B-8	20W 30W	90°	DALI	2700K	Ra>80 Ra>90
			TRIAC	3000K	
			1-10V	3500K	
			Non dimmable	4000K	



	IMD02D-A-4		IMD02D-A-6		IMD02D-A-8		IMD02D-B-4		IMD02D-B-6		IMD02D-B-8	
	12W	15W	15W	20W	20W	30W	12W	15W	15W	20W	20W	30W
Optics												
Wide Flood 90°												
Colour												
White												
Size												
130mm*100mm												
160mm*115mm												
195mm*130mm												
130mm*100mm*1500mm												
160mm*115mm*1500mm												
195mm*130mm*1500mm												
Flow obviously refers to												
2700K Ra>90												
3000K Ra>90												
3500K Ra>90												
4000K Ra>90												
2700K Ra>80												
3000K Ra>80												
3500K Ra>80												
4000K Ra>80												
Installation												
Ceiling-mounted												
Pendant												
Dimming Type												
DALI												
TRIAC												
1-10V												
Non dimmable												

Notes

- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.



Warranty Policy

Warranty for IINNO-Branded Professional LED Luminaires

This document sets out the warranty policy of IINNO from which you purchase your professional lunimaies.
Terms and Condition

1. This warranty is only applicable to IINNO branded lighting products sold by IINNO Limited (hereinafter referred to as 'Product').

2. The warranty is only applicable to the party purchasing the products directly from IINNO (Hereinafter referred to as 'Purchaser'). Third party products sold by IINNO are not covered under this warranty. With respect to products sold to the Purchaser by IINNO, but not bearing the IINNO name or sub-brands, IINNO makes no warranty of any kind, express or implied, including, without limitation, any warranty of merchantability or fitness for a particular purpose, but will make available to the Purchaser upon request, but only to the extent permitted by law and relevant contracts, the warranties of the manufacturer of the relevant product.

3. No agent, distributor or dealer is authorized to change, modify or extend the terms of the warranty on behalf of IINNO.

4. IINNO warrants that each Product will be free from defects in material and workmanship. The foregoing warranty shall be valid for the period mentioned in the applicable warranty clause for the Products referred to in IINNO's confirmation of your PI.

5. The warranty term starts from the production date printed on the products used in professional applications.

6. The warranty period is based on a burning behaviour of max. 4000 hours/year. In case of more than 4000 hours/year, the warranty period will be adjusted pro-rata.

7. This warranty only applies when the Product has been properly wired and installed and operated within the electrical values, operating range and environmental conditions provided in the specifications, application guidelines, IEC standards or any other document accompanying the Products.
Additionally, installation must be performed only by authorized personnel, who will establish that the above mentioned precautions will be taken under consideration.

8. This warranty does not apply to damage or failure to perform arising as a result of any Acts of God or from any abuse, existing local network (or Public grid) failure, misuse, abnormal use or use in violation of any applicable standard, code or instructions for use, including without limitation, those contained in the latest safety, industry and/or electrical standards for the relevant region(s).

9. IINNO reserves the right to the validity of a guarantee claim. For this purpose, the Purchaser must return, with sufficient postage, for analysis (enclosing a copy of the delivery note or the invoice).

10. Within the applicable warranty period and on examination IINNO determines to its satisfaction that such Product failed to satisfy this warranty, IINNO will, at its option, repair or replace the Product or the defective part thereof, or reimburse Purchaser the purchase price. For purposes of clarity, 'repair or replace the Product or the defective part thereof' does not include any removal or reinstallation activities, costs or expenses, including without limitation, labor costs or expenses.

11. If IINNO chooses to replace the Product and is not able to do so because it has been discontinued or is not available, IINNO may refund the purchaser or replace the product with a comparable product (that can show small deviations in design and product specification).

12. Warranty claims have to be reported and returned to IINNO office within 30 days after discovery, specifying at least the following information (additional information may be required on request):

Details of the failed Products; and for System warranties also details of other components used;

Installation date and invoice date;

Detailed problem description, number and % of failures date-code of failure;
Application, hours burned and number of switching cycles.

13. Where a warranty claim is justified, IINNO will pay for freight expenses. IINNO may charge Customer for returned Products that are not found to be defective or non-conforming together with the freight, testing and handling costs associated therewith.

13. The warranty and remedies contained in this warranty are the only warranties given by IINNO with respect the Products and are given in lieu of all other warranties, whether express or implied, including without limitation warranties of merchantability or fitness for a particular purpose, which warranties are hereby disclaimed.

14. These terms and conditions state IINNO's entire liability and obligation to Purchaser and Purchaser's sole and exclusive remedy in connection with defective or non-conforming Products supplied by IINNO to Customer, whether or not such damages are based on any warranty not explicitly mentioned in these terms and conditions, tort, contract or any other legal theory, even if IINNO has been advised or is aware of such defects.

15. This is a limited warranty and excludes, among other items, installation, providing access to products (scaffolding, lifts, etc.), and special, incidental and consequential damages (such as loss of revenue/profits, damage to property or other miscellaneous costs not previously mentioned), and is further defined by the limitations and conditions set forth in the respective warranty policy and these terms and conditions.
Upon request, IINNO'S representatives shall be allowed access to the defective Product, system or application for verification of non-compliance.

16. IINNO cannot be held liable for electrical supply conditions, including supply spikes, over-voltage/under-voltage and Ripple Current control systems that are beyond the specified limits of the products and those defined by relevant supply standards (e.g. EN 50160 norms).

Contact details

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