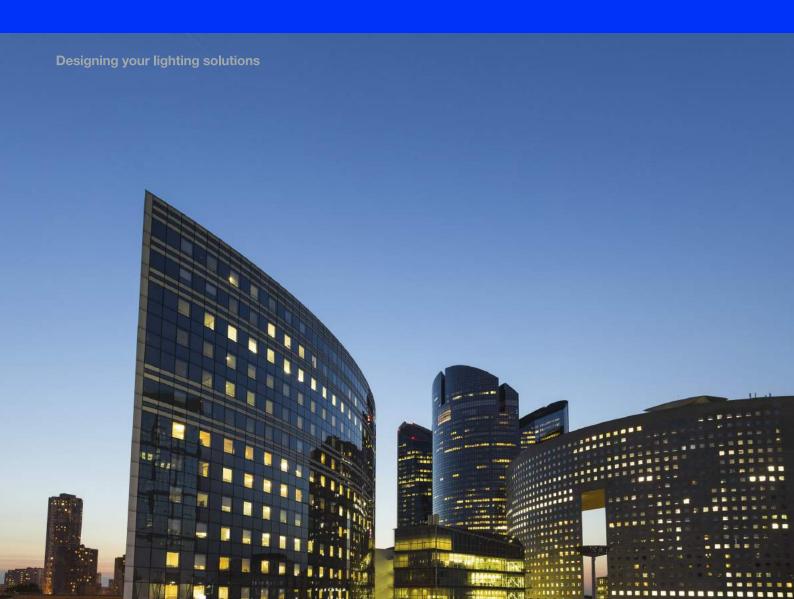


# Architectural lighting



# 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

ICL 38 Fixed and adjustable

ICL 05 Adjustable

	adj <sub>u</sub> stable	adjustable	adjustable	adjustable	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 10W/15W/20W 20W/25W/30W 25W/30W/40W		8W/15W/20W 30W/40W	5W/8W/10W 12W/15W	10W/15W/20W/30W
Light flow	t flow 180M-2400LM		560M-2800LM	640M-720LM	500LM-1500LM
CCT	2700K-5000K		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	
ССТ	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	Н			





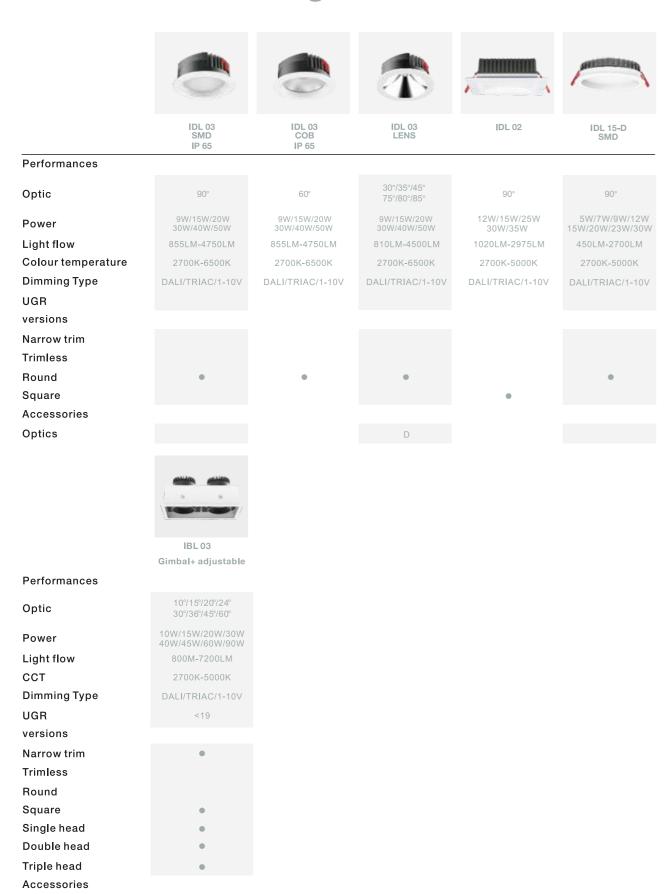
IDL 15-R COB

IDL 1

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		
Ontics		

## **Overview-Downlights**



#### Accessories:

Optics

## 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



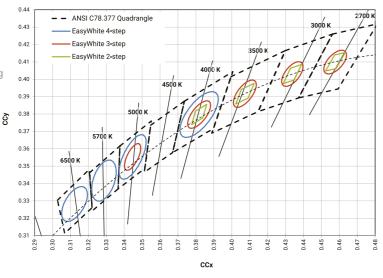
**Oval Flood** 

 $\label{thm:continuous} \textbf{Various optional Angles of lighting distribution to meet different lighting requirements.}$ 

## **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



## CRI

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





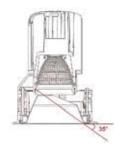








### Super comfort optics



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



### Optical accessories

Color filter

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









### Fabric Glass

Stripped Glass

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







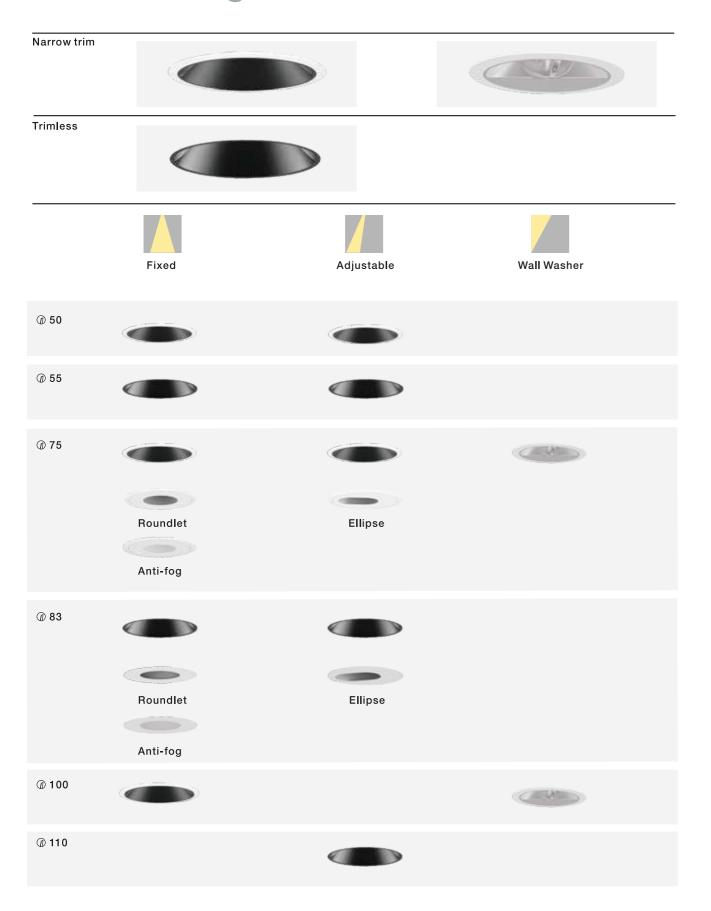
With Fabric Glass

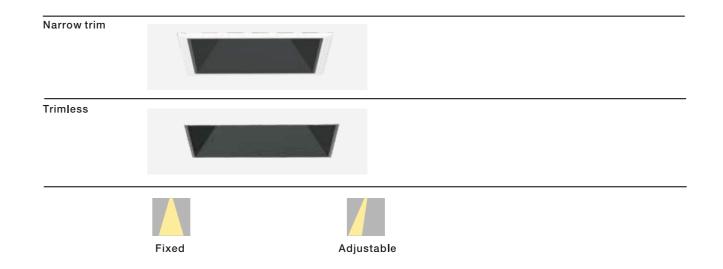
Without Fabric Glass

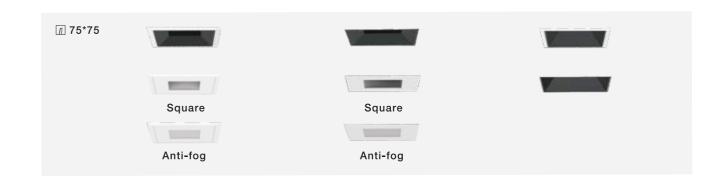


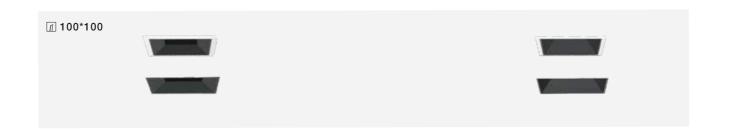
Various types of lens allow the lighting distribution of the main optics to bemodified, thereby achieving highlyprofessional lighting effects.

## **ICL36 Anti-glare Series**









## 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**

**Specular Reflector** 

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

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



IP 54

Different color temperatures



EMC - optimised



Different dimming



Horizontal 360°



Deep anti-dazzle

## Optics









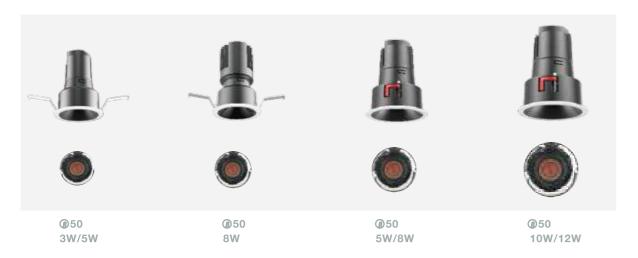
Narrow 11°/15°

Medium 18°/24°

Wide 30°/36°

Flood 50°

## Narrow trim



### Trimless



### Accessories

For different applications, ICL36 has



Round and Square, Trimless and Narrow Trim, total 6 options. Designers can choose IP 54 Fixture power, beam angle, CCT, CRI chip on board light source. Varieties of accessories for unique design - honey-comb filter, cross-grille, tensile - Anti Glare Ring lens, color filter, etc.All these flexible modules are easily to check and replaced, which will save Honeycomb Filter money and energy on the after-sales maintainance. Red Filter Green Filter Blue Filter Stripped Glass Cross-grille - Mid-ring

Out Ring

Reflector



## **Narrow trim** 2inch Fixed 50

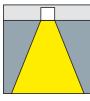


W	LM	Optic	W	LM	Optic
3000K-	CRI 90		3000K-	CRI90	
3W	150	18°	5W	200	18°
3W	150	30°	5W	200	30°
3W	150	36°	5W	200	36°





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



### Accentuation Meet the demand of

accent lighting and spatial lighting for the





Downlights (Fixed)

Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting. 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. 3W-12W 180lm-720lm



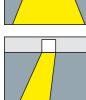
### Accentuation

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

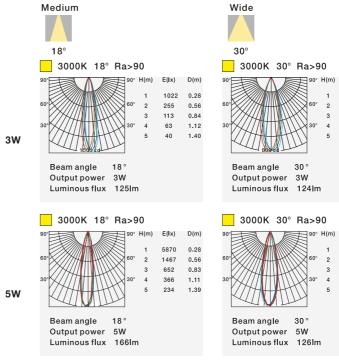
Meet the demand of spatial lighting for the building.

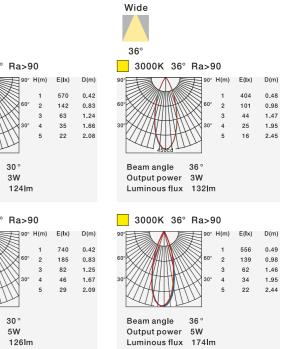


## distribution for accent lighting.

#### Directional luminaires (Adjustable) Narrow to very wide beam, rotationally symmetrical light

LED 3W-12W 180lm-720lm





## **Narrow trim** 2inch Fixed 50



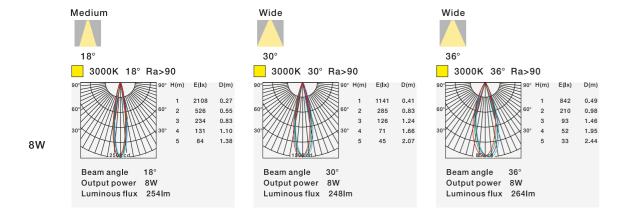
LM	Optio
CRI 90	
300	18°
300	30°
300	36°
	300 300





360°	35°	IP 20

Model	Power	Beam Angle	ССТ	CRI	Relector	Optical Accessories
ICL36L-1D-2F	8W	18° 30° 36°	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter



## **Narrow trim** 3inch Fixed 75



W	LM	Optic	W	LM	Optio
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°



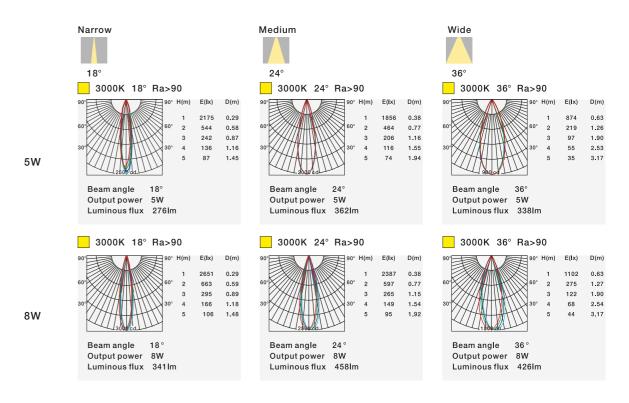








Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL36L-1D-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green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



## **Narrow trim 3inch Fixed 75**

LM	Optic	w	LM	Optic
RI 90		3000K-0	CRI 90	
500	11°	12W	650	15°
500		12W		18°
500	18°	12W	650	24°
500	24°	12W	650	36°
500	36°	12W	650	50°
500	50°			
	500 500 500 500 500 500	8190	RI 90 3000K-0  500 11° 12W 500 15° 12W 500 18° 12W 500 24° 12W 500 36° 12W	RI 90 3000K-CRI 90  500 11° 12W 650 500 18° 12W 650 500 24° 12W 650 500 36° 12W 650









## **Narrow trim** 3inch Fixed 75



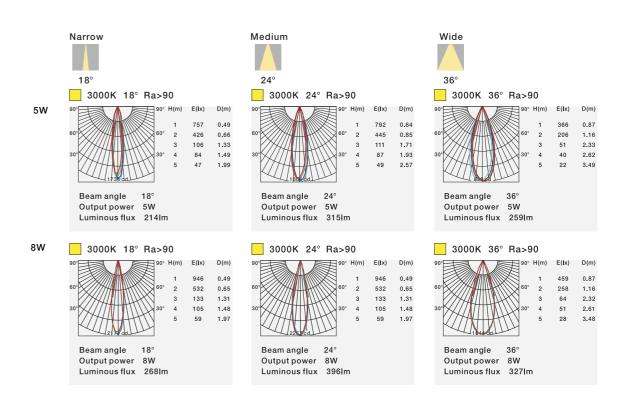
W	LM	Optic	W	LM	Optic
3000K-C	CRI 90		3000K-	CRI 90	
5W 5W 5W 5W 5W 5W	300 300 300 300 300 300	11° 15° 18° 24° 36° 50°	8W 8W 8W 8W 8W	400 400 400 400 400 400	11° 15° 18° 24° 36° 50°
	T <sub>90</sub>	360°			

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL36L-1D-3F-H	10W 12W	11° 15° 18° 24° 36° 50°	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

	Narrow	Medium	Wide
	18°	24°	36°
10W	3000K 18° Ra>90	3000K 24° Ra>90	3000K 36° Ra>90
	90° H(m) E(lx) D(m)  1 2953 0.30  60° 2 738 0.60 3 328 0.90 30° 4 184 1.21 5 118 1.51  Beam angle 18°  Output power 10W	90° H(m) E(tx) D(m)  1 2732 0.38  60° 2 683 0.77  3 303 1.16  30° 4 170 1.54  5 109 1.93  Beam angle 24°  Output power 10W	90° H(m) E(lx) D(m) 60° 2 312 1.27 30° 4 78 2.54 5 50 3.18  Beam angle 36° Output power 10W
12W	Luminous flux 387lm	Luminous flux 529lm	Luminous flux 487Im  3000K 36° Ra>90
1211	90° H(m) E(lx) D(m) 1 4444 0.28 60° 2 1111 0.56 3 493 0.84 30° 4 277 1.13 5 177 1.41  Beam angle 18° Output power 12W Luminous flux 527Im	90° H(m) E(lx) D(m) 1 3753 0.37 60° 2 938 0.75 3 417 1.12 30° 4 234 1.50 5 150 1.88  Beam angle 24° Output power 12W Luminous flux 689Im	90° H(m) E(lx) D(m) 1 1704 0.62 60° 2 426 1.24 3 189 1.87 30° 4 106 2.49 5 68 3.11  Beam angle 36° Output power 12W Luminous flux 635Im
	30° 4 277 1.13 5 177 1.41 Beam angle 18° Output power 12W	30° 4 234 1.50 5 150 1.88 Beam angle 24° Output power 12W	30° 4 106 5 68 Beam angle 36° Output power 12W

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-1S-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	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

① 75



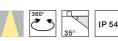
## Narrow trim 3inch Fixed 75



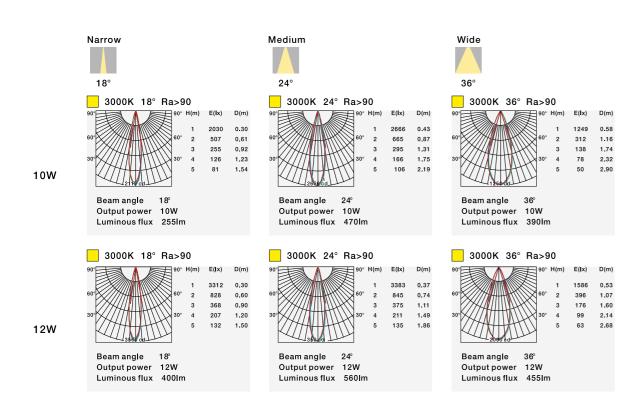
W	LM	Optic
3000K-C	RI 90	
10W	480	11°
10W	480	15°
10W	480	18°
10W	480	24°
10W	480	36°
10W	480	50°

W	LM	Optic
3000K-0	CRI 90	
12W	600	15°
12W	600	18°
12W	600	24°
12W	600	36°
12W	600	50°





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-1S-3F-H	10W 12W	11° 15° 18° 24° 36°	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



## Narrow trim 3inch Fixed 75

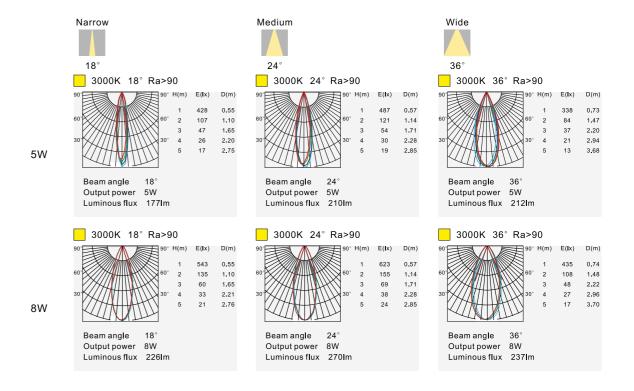


N	LM	Optic	W	LM	Optic
3000K-	CRI 90	- p	3000K-		
5W	300	11°	8W	400	11°
W	300	15°	8W	400	15°
W	300	18°	8W	400	18°
W	300	24°	8W	400	24°
W	300	36°	8W	400	36°
W	300	50°	8W	400	50°

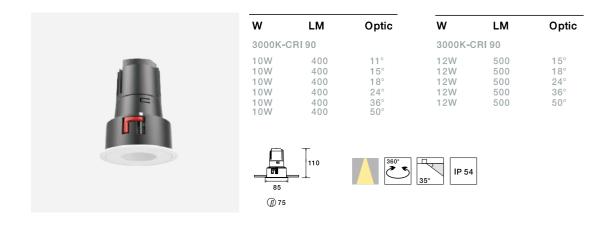


8W	400	50°	
	360°	IP 54	

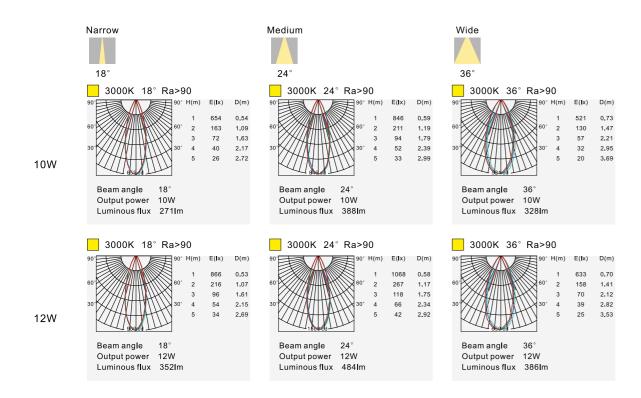
Model	Power	Beam Angle	Dimming Type	ССТ	CRI
ICL36L-1P-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90



## Narrow trim 3inch Fixed 75



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



## **Trimless 2inch Fixed 55**

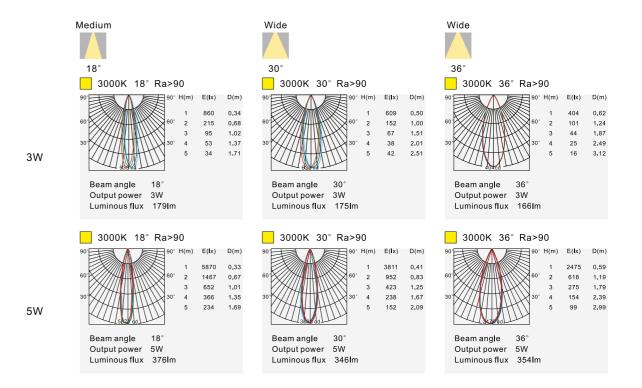


W	LM	Optic	W	LM	Optic
3000K-	CRI 90		3000K-	CRI 90	
3W	180	18°	5W	400	18°
3W	180	30°	5W	400	30°
3W	180	36°	5W	400	36°





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

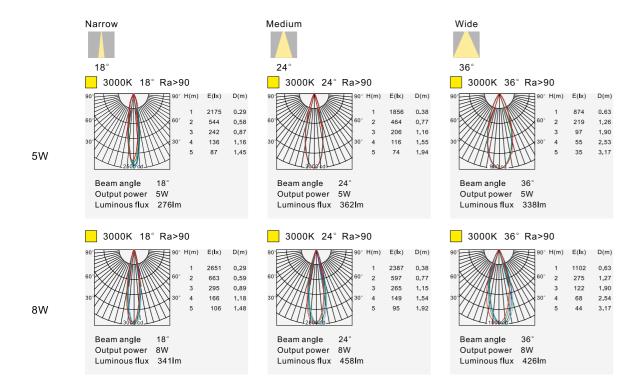


## **Trimless 3inch Fixed 83**

W	LM	Optic	W	LM	Optic
3000K-	CRI 90		3000K-	CRI 90	
5W 5W 5W 5W 5W 5W	400 400 400 400 400 400	11° 15° 18° 24° 36° 50°	8W 8W 8W 8W 8W	500 500 500 500 500	11° 15° 18° 24° 36° 50°
74	90	360°	35° IP 5	54	

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

**(**) 83

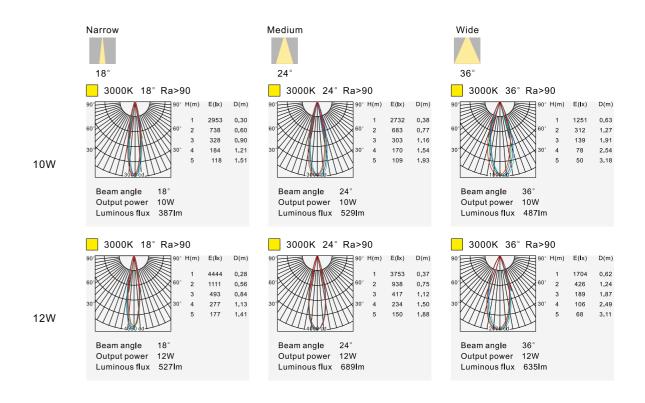


## **Trimless 3inch Fixed 83**



W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
10W 10W 10W 10W 10W 10W	550 550 550 550 550 550	11° 15° 18° 24° 36° 50°	12W 12W 12W 12W 12W	700 700 700 700 700	15° 18° 24° 36° 50°
74 145	110	360°	35° IP 54	4	

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL36L-3D-3F-H	10W 12W	11° 15° 18° 24° 36° 50°	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



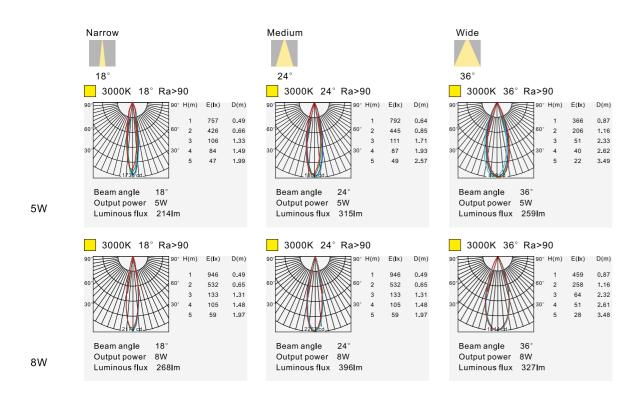
## **Trimless 3inch Fixed 83**



W	LM	Optic	W	LM	Optic
3000K-	CRI 90		3000K-	-CRI 90	
5W 5W 5W 5W 5W 5W	300 300 300 300 300 300	11° 15° 18° 24° 36° 50°	8W 8W 8W 8W 8W	420 420 420 420 420 420	11° 15° 18° 24° 36° 50°
74	90	360°	35° IP 5	54	

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-3S-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	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

**(**]) 83



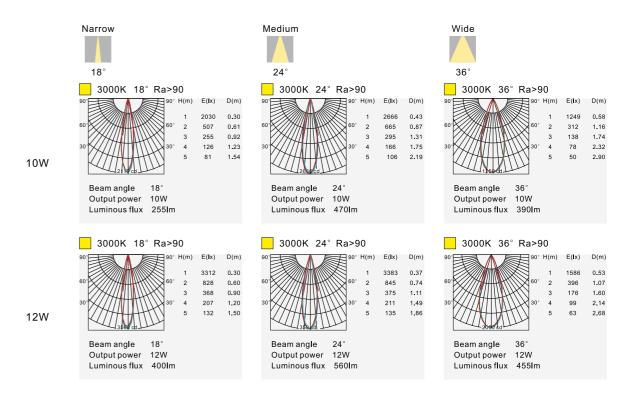
## Trimless 3inch Fixed 83



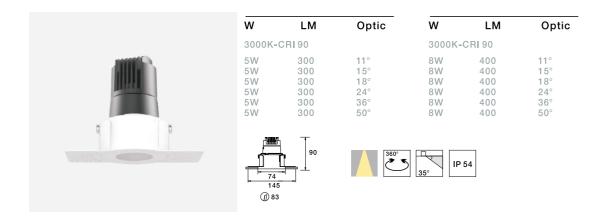
LM	Optic	W	LM	Optio
RI 90		3000K-0	CRI 90	
520 520 520 520 520 520	11° 15° 18° 24° 36° 50°	12W 12W 12W 12W 12W	650 650 650 650 650	15° 18° 24° 36° 50°
110	360°	<u> </u>		
	520 520 520 520 520 520 520 520	520 11° 520 15° 520 18° 520 24° 520 36° 520 50°	RI 90 3000K-0  520 11° 12W 520 15° 12W 520 18° 12W 520 24° 12W 520 36° 12W 520 50°	RI 90 3000K-CRI 90  520 11° 12W 650 520 15° 12W 650 520 18° 12W 650 520 24° 12W 650 520 36° 12W 650 520 50°

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-3S-3F-H	10W 12W	11° 15° 18° 24° 36° 50°	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

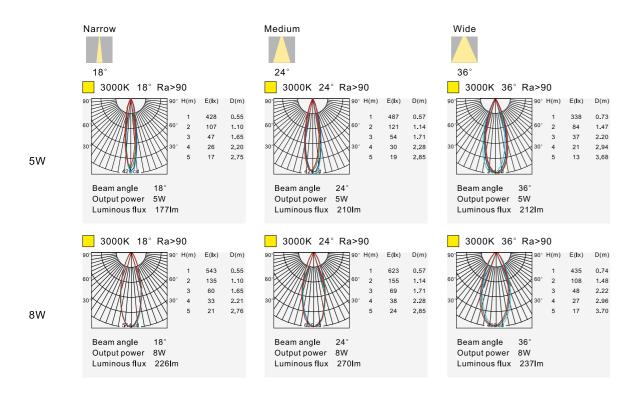
**(**) 83



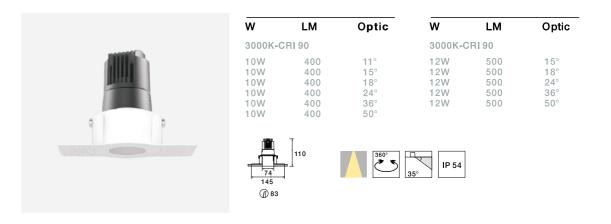
## **Trimless 3inch Fixed 83**



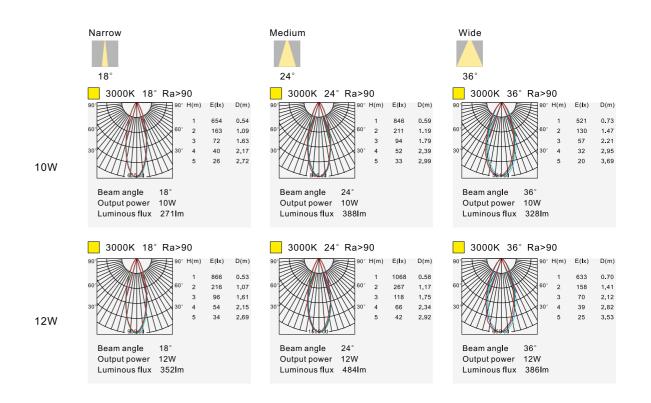
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL36L-3P-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90



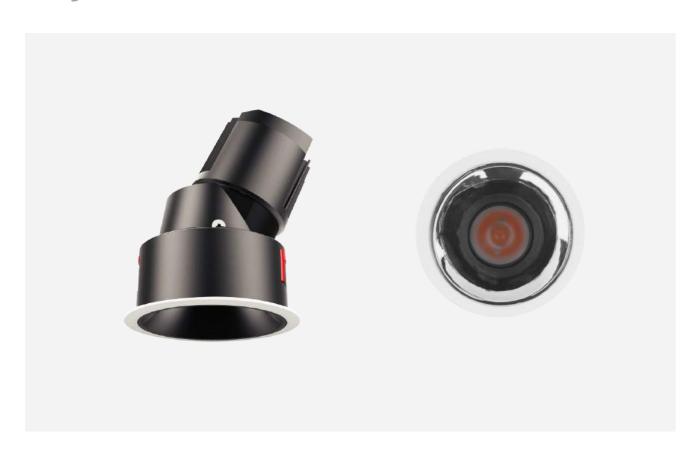
## **Trimless 3inch Fixed 83**



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



## ICL36 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.



High-power LED SDCM<3



Different light distributions



Optischer cut-off 35



IP level



Deep anti-dazzle

## Adjusting Shaft Design

30° adjustable and 350° rotatable 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.



Excellent thermal management



DALI dimming



Tiltable 25°



Different sizes



Different color filters

### 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

4 types of reflector choices



EMC - optimised



Different dimming



Horizontal 360°



Different color temperatures

## Optics









Narrow 11°/15°

18°/24°

Wide 30°/36°

Flood 50°

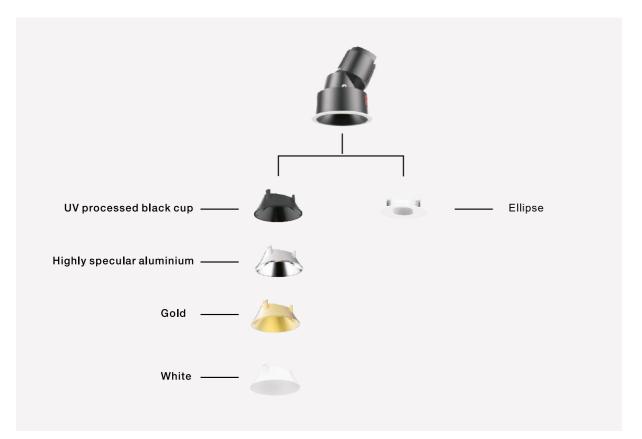
Narrow trim

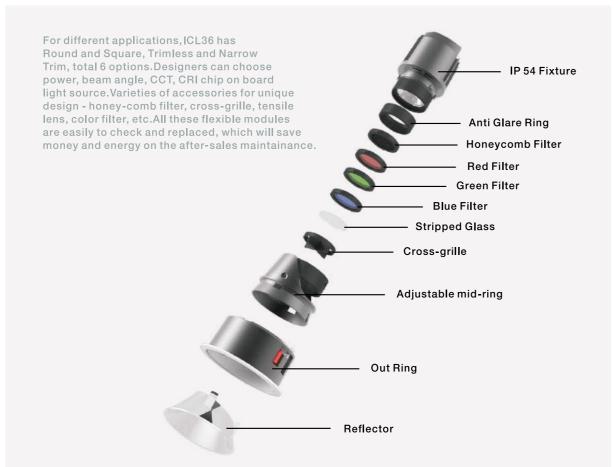






#### Accessories





## Narrow trim 2inch Adjustable 50



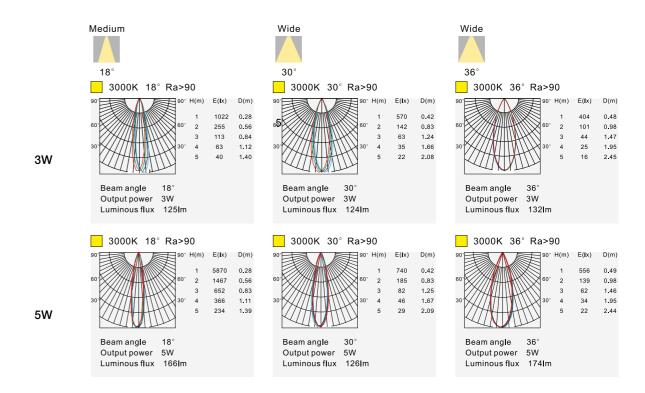
W	LM	Optic
3000K-0	CRI 90	
3W	180	18°
3W	180	30°
3W	180	36°

W		LM	Optic
30	00K-CRI 90	)	
5V 5V	V 2	40 40 40	18° 30° 36°



25°	360°		IP 20	
V		35°	11 20	

Model	Power	Beam Angle	ССТ	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**

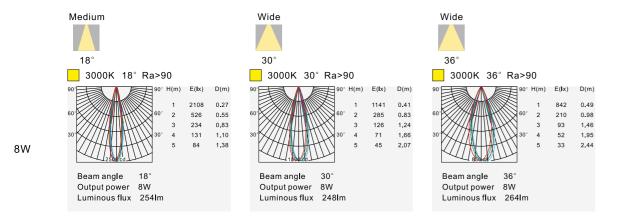


LM	Optic
CRI 90	
300	18°
300	30°
300	36°
	300 300





Model	Power	Beam Angle	ССТ	CRI	Relector	Optical Accessories
ICL36L-1W-2T	8W	18° 30° 36°	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter



## Narrow trim 3inch **Adjustable 75**



5W

8W

Model

ICL36L-1W-3T-S

W	LM	Optic	W	LM	Optio	
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°	



3000K

4000K

Beam Angle Dimming Type CCT

1~10V

DALI

Non dimmable

15° 18° 24°



Ra>90



Gold



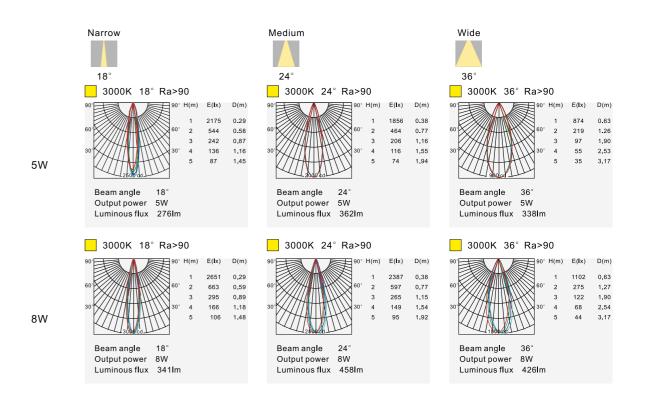




CRI	Relector	Optical Accessories
Ra>80	UV processed black cup Highly specular aluminium	Honeycomb Filter Stripped Glass Cross-grille

Red Filter Green Filter

Blue Filter

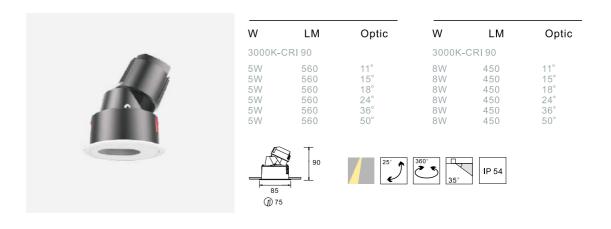


## Narrow trim 3inch Adjustable 75

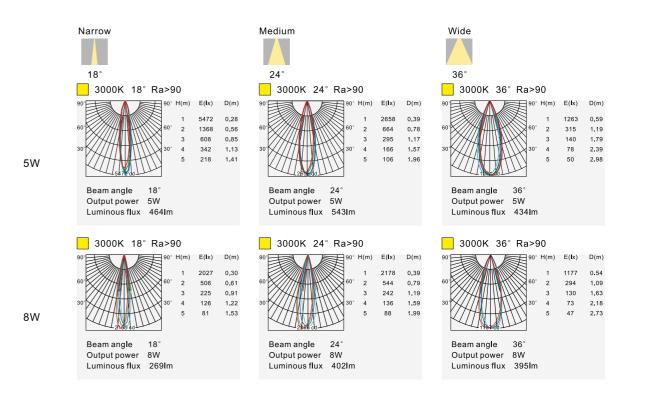
# W LM Optic W LM Optic 3000K-CRI 90 3000K-CRI 90 10W 560 11° 12W 700 15° 10W 700 18° 10W 560 18° 12W 700 24° 10W 560 24° 12W 700 36° 10W 560 36° 12W 700 50° 10W 560 50° 12W 700 50° 10W 560 50°

Model		Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1V	V-3T-H	10W 12W	11° 15° 18° 24° 36° 50°	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
	Narrow		N	Medium			Wide	
	18°	18° Ra>90	_	24° 	00		36° 3000K 36° Ra>90	
υW	90 60 30 Beam angle	90° H(m) 1 60° 2 3 30° 4 5	E(h) D(m) 90 2953 0.30 738 0.60 60 328 0.90 184 1.21 30 118 1.51	Beam angle 24°	H(m) E( <b>I</b> x)	D(m) 90 0.38 0.77 60 1.16 1.54 30 1.93	90° H(m) E(b) 1 1251 60° 2 312 3 139 30° 4 78 5 50  Beam angle 36°	D(m) 0.63 1.27 1.91 2.54 3.18
	Output pow Luminous f			Output power 10W Luminous flux 529Im	1		Output power 10W Luminous flux 487Im	
	3000K	18° Ra>90	E(Ix) D(m) 90 4444 0.28 1111 0.56 60 493 0.84 277 1.13 30	60	H(m) E( <b>I</b> x)	D(m) 90 0.37 0.75 60 1.12 1.50 30	3 189	D(m) 0.62 1.24 1.87 2.49 3.11
2W	Beam angle	d	111	Beam angle 24° Output power 12W	3 130	1.00	Beam angle 36° Output power 12W	5.11

## Narrow trim 3inch Adjustable 75



Model	Power	Beam Angle	Dimming Type	CCT	CRI
		11°			
		15°	TRIAC	2700K	
ICL36L-1E-3T-S	5W	18°	1~10V	3000K	Ra>80
ICL30L-1L-31-3	8W	24°	DALI	4000K	Ra>90
		36°	Non dimmable	5000K	



## Narrow trim 3inch **Adjustable 75**



	LM	Optic	w	LM	Optio
3000K-CRI 90			3000K-0	CRI 90	
10W 10W 10W 10W	500 500 500 500	11° 15° 18° 24°	12W 12W 12W 12W	600 600 600	15° 18° 24° 36°
10W 10W	500 500	36° 50°	12W	600	50°



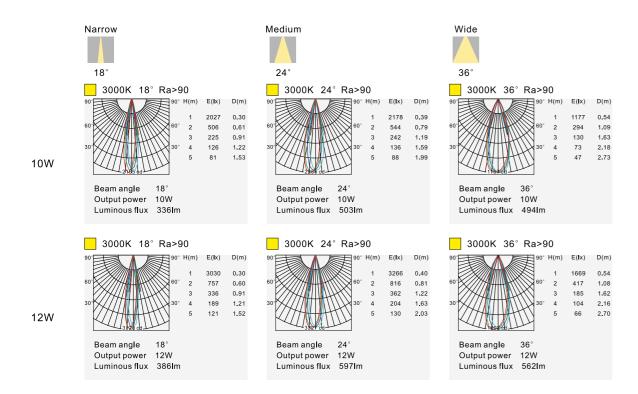




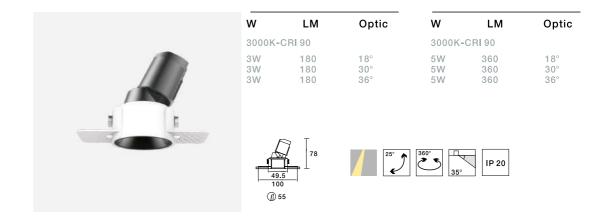




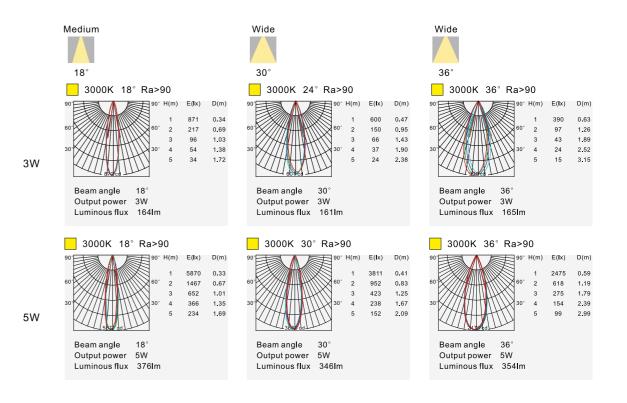
11° 15° TRIAC 2700K CL36L-1E-3T-H 10W 18° 1~10V 3000K Ra>80	Model	Power	Beam Angle	Dimming Type	ССТ	CRI
	ICL36L-1E-3T-H	10W 12W	15°			Ra>80 Ra>90



## **Trimless 2inch Adjustable 55**



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



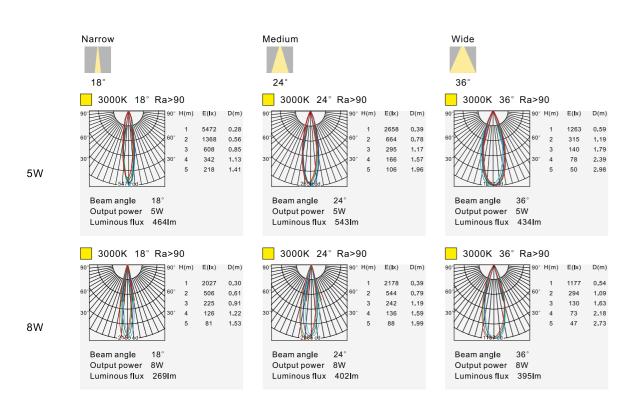
## **Trimless 3inch Adjustable 83**

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°





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



## **Trimless 3inch Adjustable 83**

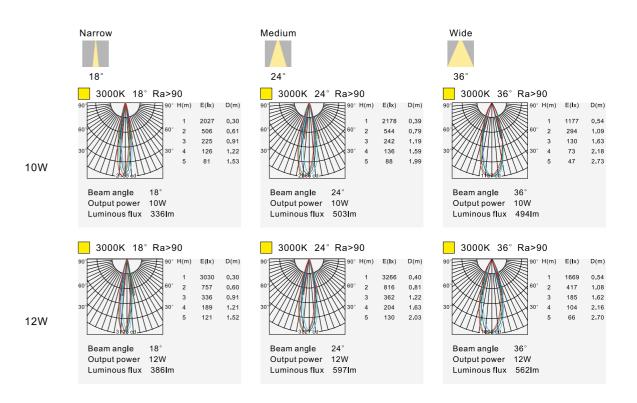


W	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-C	RI 90	
10W	540	11°	12W	600	15°
10W	540	15°	12W	600	18°
10W	540	18°	12W	600	24°
10W	540	24°	12W	600	36°
10W	540	36°	12W	600	50°
10W	540	50°			





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



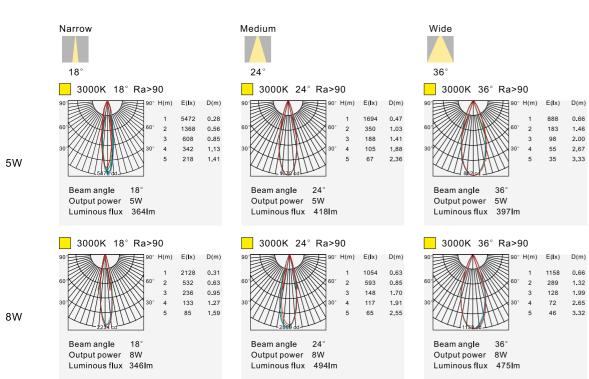
## **Trimless 3inch Adjustable 83**

$\overline{w}$	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 Relector Optical Accessorie Honeycomb Filter Stripped Glass UV processed black cup TRIAC 2700K 1~10V 3000K Ra>80 Highly specular aluminium Cross-grille ICL36L-3W-3T-S 4000K Ra>90 Red Filter DALI Green Filter Blue Filter White Non dimmable 5000K Medium



## **Trimless 3inch Adjustable 83**



W	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-0	RI 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 12W	11° 15° 18° 24° 36° 50°	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
Narrow	1		Medium			Wide	
18°			24°			36°	
300	00K 18° Ra>	90	3000K 24° F	Ra>90		3000K 36° Ra>90	
Outpu	angle 18° ut power 10W hous flux 433lm	3 236 0.95 3 236 0.95 4 133 1.27 5 85 1.59	Beam angle 2. Output power 1. Luminous flux 6	1 1 1 60° 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(E(x) D(m) 054 0.63 593 0.85 148 1.70 117 1.91 65 2.55	60° 1 1 1 1 30° 2 2 2 30° 4	(k) D(m)  158 0.66  89 1.32  28 1.99  72 2.65  46 3.32
907	00K 18° Ra>	90  H(m) E( <b>l</b> x) D(m)	3000K 24° F		E( <b>i</b> x) D(m)	3000K 36° Ra>90	(lx) D(m)
60	60	1 3383 0.32	60	1 2 60° 2 3	1839 0.42 709 0.84 315 1.27 177 1.69	60° 1 1 1 1 1 3 3 1 1	792 0.65 48 1.31 99 1.97 12 2.62

Output power 12W

Output power

Luminous flux 731Im

12W

Output power

Luminous flux 539Im

		ICL36L-1-2		ICL36	L-1-3-S	ICL36l	1-3-H	ICL3	6L-3-2	ICI	.36L-3-3-S	ICL36	L-3-3-H
	3W	5W	8W	5W	8W	10W	12W	3W	5W	5W	8W	10W	12V
				I		I		I		I		I	
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*90mm										•	•		
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





Cross-grille





Stripped Glass







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

#### 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

**Excellent thermal** 

management

**DALI** dimming

Different color

temperatures

#### 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



DALI

Ф

IP 54

IP level



(b)

Different dimming

EMC - optimised

Horizontal 360°



Deep anti-dazzle

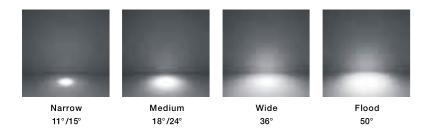
filters



Different color



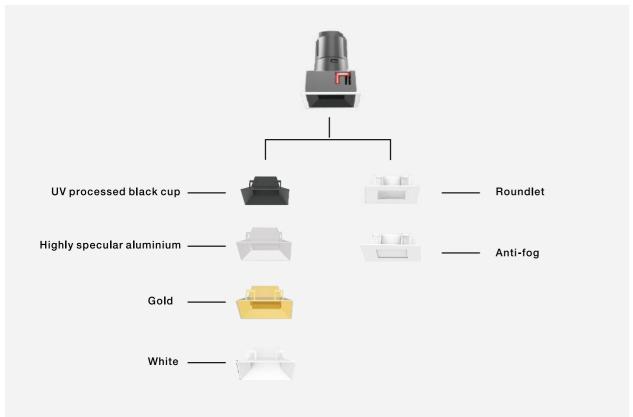
## Optics



Trimless Narrow trim



### Accessories



## **Narrow trim 3inch Fixed 75\*75**



Model

ICL36L-2D-3F-S

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°



Beam Angle Dimming Type CCT

TRIAC

1~10V

DALI

Non dimmable



Ra>80

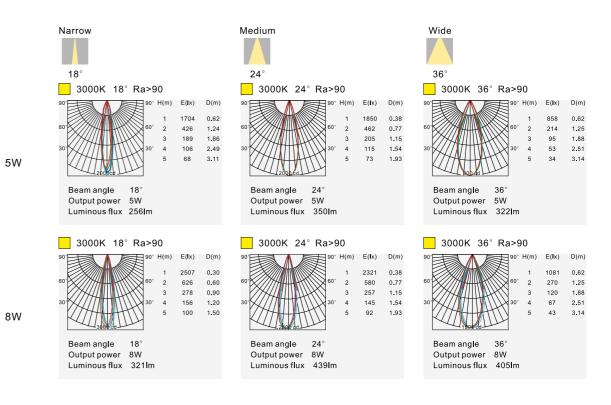
Ra>90







Relector	Optical Accessories
UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter



2700K 3000K

4000K 5000K

## **Narrow trim 3inch Fixed 75\*75**



Model

w	LM	Optic	w	LM	Optic
3000K-CRI 90			3000K-0	CRI 90	
10 W	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°
101/1/	560	EO.º			



DALI

Non dimmable

36°







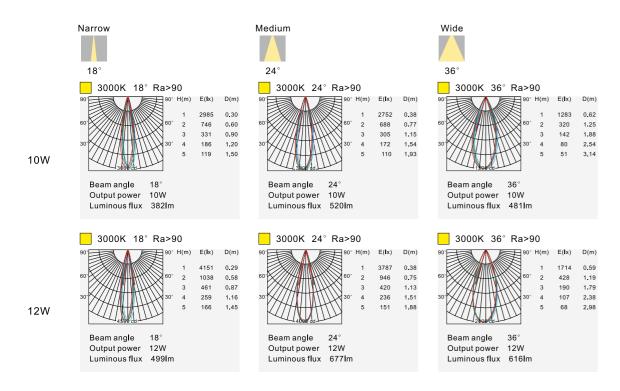
Green Filter

Blue Filter

#### Beam Angle Dimming Type CCT Optical Accessories Power Relector Honeycomb Filter 15° TRIAC UV processed black cup Stripped Glass 18° Highly specular aluminium Gold 10W Ra>80 Cross-grille Red Filter 1~10V 3000K ICL36L-2D-3F-H 24° Ra>90

4000K

5000K



## **Narrow trim 3inch Fixed 75\*75**



W	LM	Optic	W	LM	Optio
3000K-0	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°



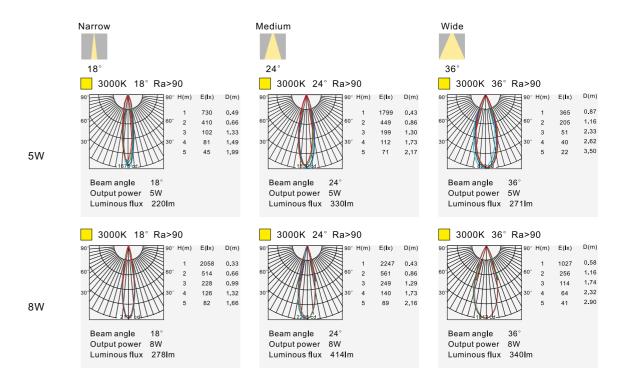








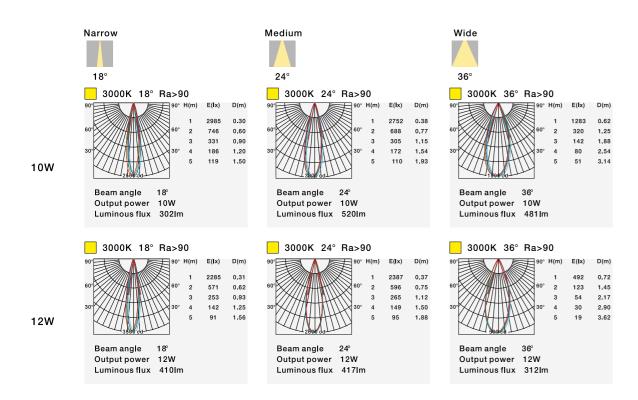
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-2Q-3F-S	5W 8W	11° 15° 18° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter



## Narrow trim 3inch Fixed 75\*75

W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
10W 10W 10W 10W 10W	560 560 560 560 560 560	11° 15° 18° 24° 36° 50°	12W 12W 12W 12W 12W	420 420 420 420 420	15° 18° 24° 36° 50°
85		360°	) 35° IP 5	4	

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-2Q-3F-H	10W 12W	11° 15° 18° 24° 36°	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

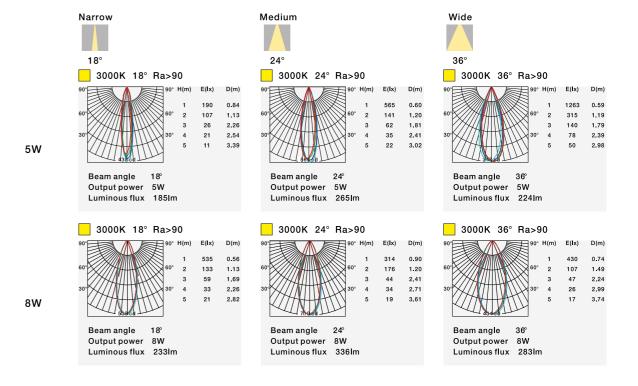


## Narrow trim 3inch Fixed 75\*75



W	LM	Optic	W	LM	Optio
3000K-	CRI 90		3000K-	CRI 90	
5W 5W 5W 5W 5W 5W	300 300 300 300 300 300	11° 15° 18° 24° 36° 50°	8W 8W 8W 8W 8W	360 360 360 360 360 360	11° 15° 18° 24° 36° 50°
85	J 90	360°	35° IP	54	

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



## **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°				

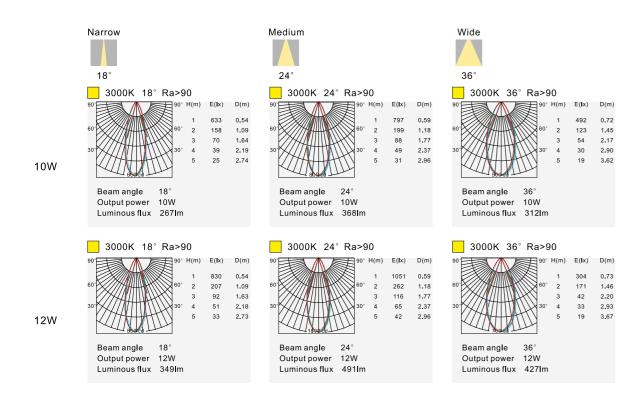






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Model	Power	Beam Angle	Dimming Type	ССТ	CRI
ICL36L-2P-3F-H	10W 12W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90



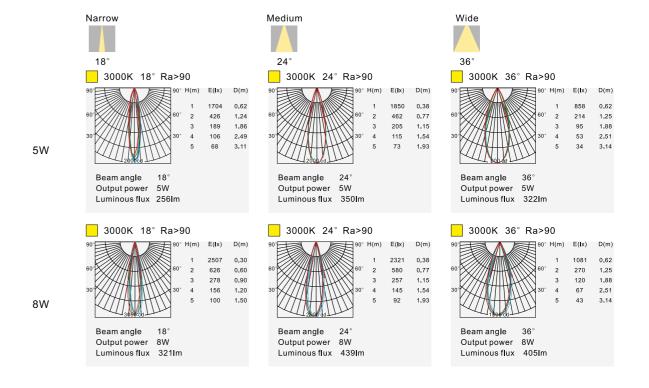
## **Trimless 3inch Fixed 75\*75**



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	ССТ	CRI	Relector	Optical Accessorie
ICL36L-4D-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	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



## **Trimless 3inch Fixed 75\*75**

Power

10W

12W

11°

15°

18°

24°

36°

Model

ICL36L-4D-3F-H

w	LM	Optic	w	LM	Optic
3000K-CRI 90			3000K-0	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°
1 0 W	500	50°			



DALI

Non dimmable



Ra>90

4000K

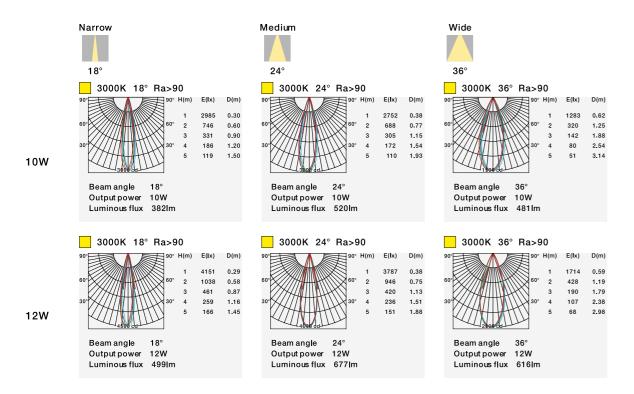
Beam Angle Dimming Type CCT CRI Relector Optical Accessories Honeycomb Filter TRIAC 2700K UV processed black cup Stripped Glass Ra>80 1~10V 3000K Highly specular aluminium Cross-grille

Gold

Whtie

Red Filter

Green Filter



## **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°		



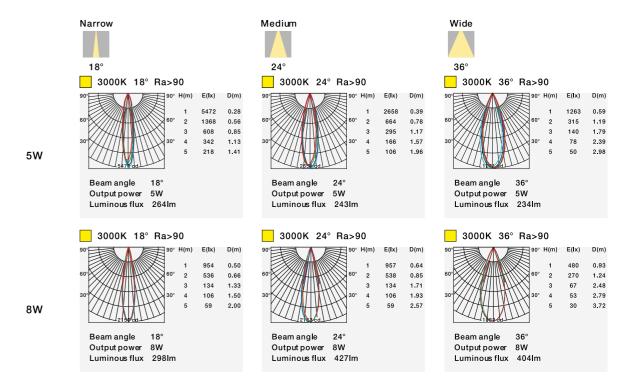








Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-4Q-3F-S	5W 8W	11° 15° 18° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Cross-grille Red Filter Green Filter Blue Filter



## **Trimless 3inch Fixed 75\*75**

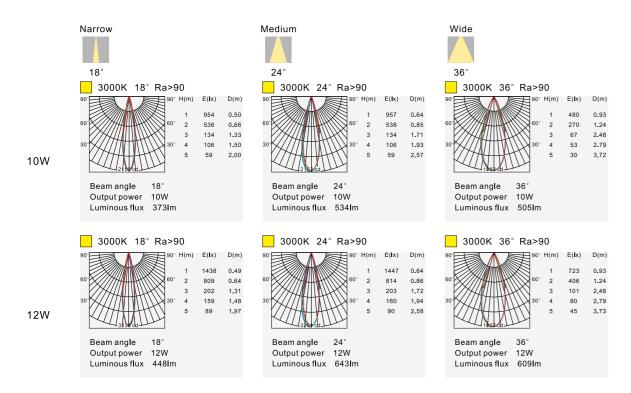


W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
10W	560	11°	12W	640	15°
10W	560	15°	12W	640	18°
10W	560	18°	12W	640	24°
10W	560	24°	12W	640	36°
10W	560	36°	12W	640	50°
10W	560	50°			





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ICL36L-4Q-3F-H	10W 12W	11° 15° 18° 24° 36°	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



## **Trimless 3inch Fixed 75\*75**



W	LM	Optic	W	LM	Optio
3000K-	CRI 90		3000K-	CRI 90	
5W	300	11°	8W	360	11°
5W	300	15°	8W	360	15°
5W	300	18°	8W	360	18°
5W	300	24°	8W	360	24°
5W	300	36°	8W	360	36°
5W	300	50°	8W	360	50°

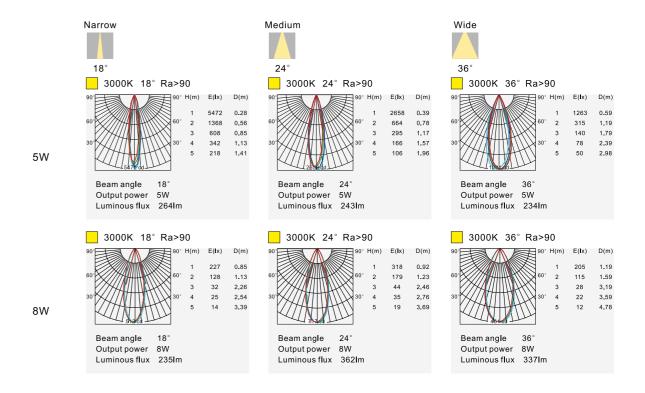








Model	Power	Beam Angle	Dimming Type	ССТ	CRI
ICL36L-4P-3F-S	5W 8W	11° 15° 18° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90



## **Trimless** 3inch Fixed 75\*75



	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	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°			

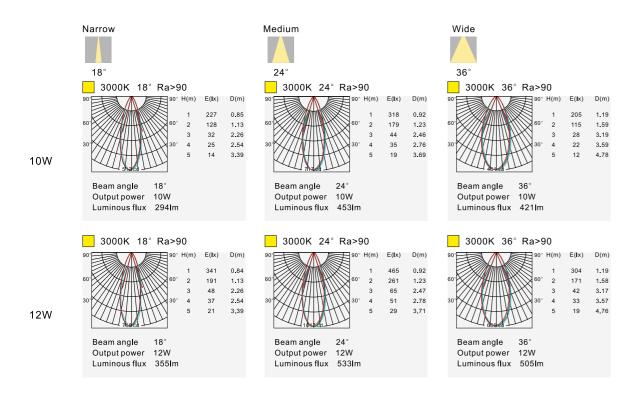




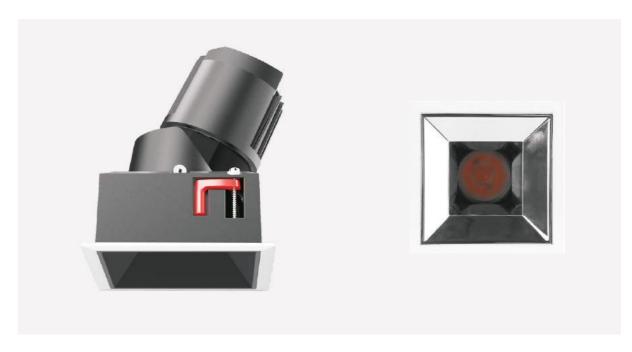




Model	Power	Beam Angle	Dimming Type	CCT	CRI
		11°			
		15°	TRIAC	2700K	
ICL36L-4P-3F-H	10W	18°	1~10V	3000K	Ra>80
IOLOGE=4P=3F=F	12W	24°	DALI	4000K	Ra>90
		36°	Non dimmable	5000K	



## **ICL36 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.

## lumen losses and waste.

Cooling System

Adjusting Shaft Design

30° adjustable and 350° rotatable

unique light blocking design, reduce

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

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





Tiltable 25°



Different sizes

Different color

filters



(b)

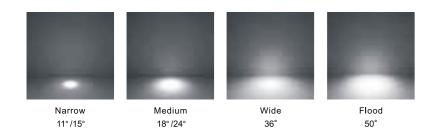
Different color temperatures

Horizontal 360°

EMC - optimised

Different dimming

#### Optics



## 

## Accessories



## Narrow trim 3inch Adjustable 75\*75

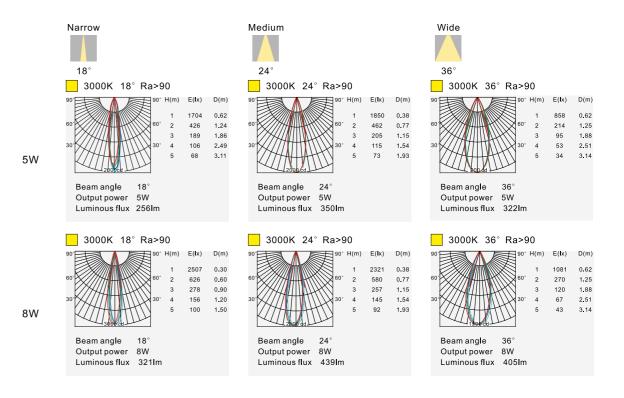


W	LM	Optic	W	LM	Optio
3000K-	CRI 90		3000K-	CRI 90	
5W	300	11°	8W	400	11°
5W	300	15°	8W	400	15°
5W	300	18°	8W	400	18°
5W	300	24°	8W	400	24°
5W	300	36°	8W	400	36°
5W	300	50°	8W	400	50°





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL36L-2W-3T-S	5W 8W	11° 15° 18° 24° 36° 50°	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



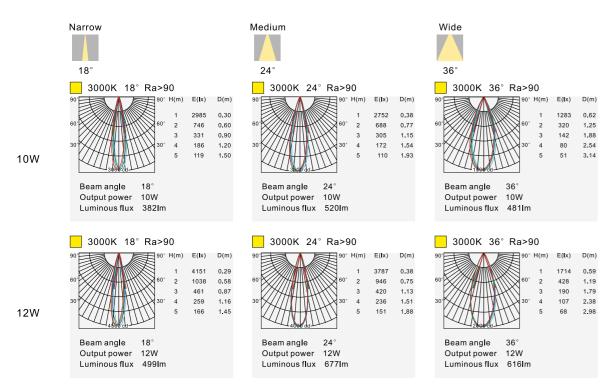
## Narrow trim 3inch Adjustable 75\*75

W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	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°
1.0\//	500	50°			





Model	Dower	Doom Anglo	Dimming Tune	ССТ	CDI	Dologtor	Ontical Assessarias
wodei	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
		11° 15°	TRIAC	2700K		UV processed black cup	Honeycomb Filter Stripped Glass
ICL36L-2W-3T-H	10W	18°	1~10V	3000K	Ra>80	Highly specular aluminium	Cross-grille
ICL30L=2VV=31=FI	12W	24°	DALI	4000K	Ra>90	Gold	Red Filter
		36°	Non dimmable	5000K		White	Green Filter Blue Filter



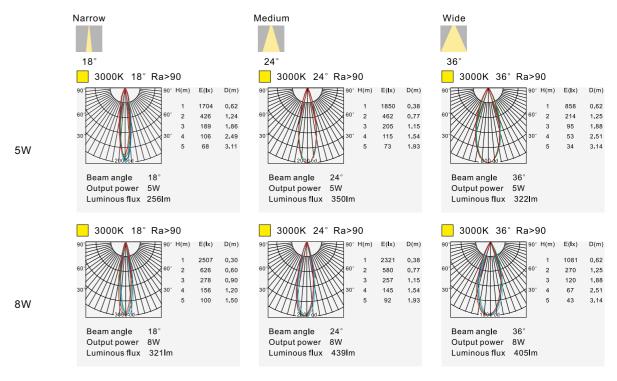
## **Trimless 3inch Adjustable 75\*75**



W	LM	Optic	W	LM	Optio
3000K-	CRI 90		3000K-	CRI 90	
5W 5W 5W 5W 5W 5W	300 300 300 300 300 300	11° 15° 18° 24° 36° 50°	8W 8W 8W 8W 8W	400 400 400 400 400 400	11° 15° 18° 24° 36° 50°
74 145	90	25°	360°	IP 54	

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

**1** 75\*75



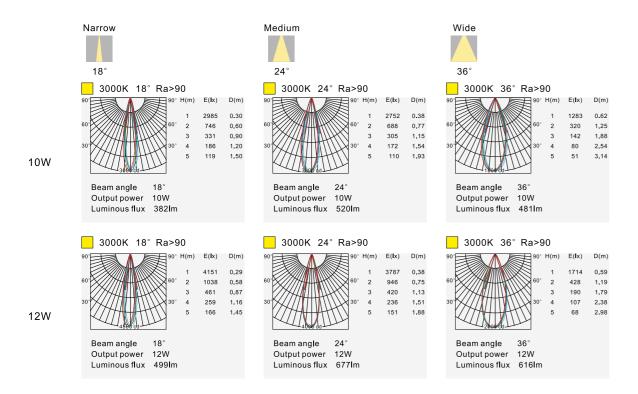
## **Trimless 3inch Adjustable 75\*75**



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 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	ССТ	CRI	Relector	Optical Accessories
ICL36L-4W-3T-H	10W 12W	11° 15° 18° 24° 36°	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

**1** 75\*75



ICL36L-2-3-S		ICL36L-2-3-H		ICL36	L-4-3-S	ICL36	ICL36L-4-3-H	
5W	8W	10W	12W	5W	8W	10W	12	
				•		•		
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	5W	5W 8W	5W 8W 10W	5W 8W 10W 12W	SW         8W         10W         12W         SW	SW         8W         10W         12W         5W         8W           0	SW         10W         12W         5W         8W         10W           0	

#### Optical Accessories













Honeycomb Filter Cross-grille Stripped Glass Red Filter Green Filter Blue Filter 6/7

## **ICL36 Anti-glare Series**



### 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.











Different color temperatures



Excellent thermal management





DALI dimming





IP level



Deep anti-dazzle



(b)

Horizontal 360°

EMC - optimised

Different dimming



Different color filters

### Optics







18°/24°

36°

Flood 45°

#### Narrow trim



#### Trimless

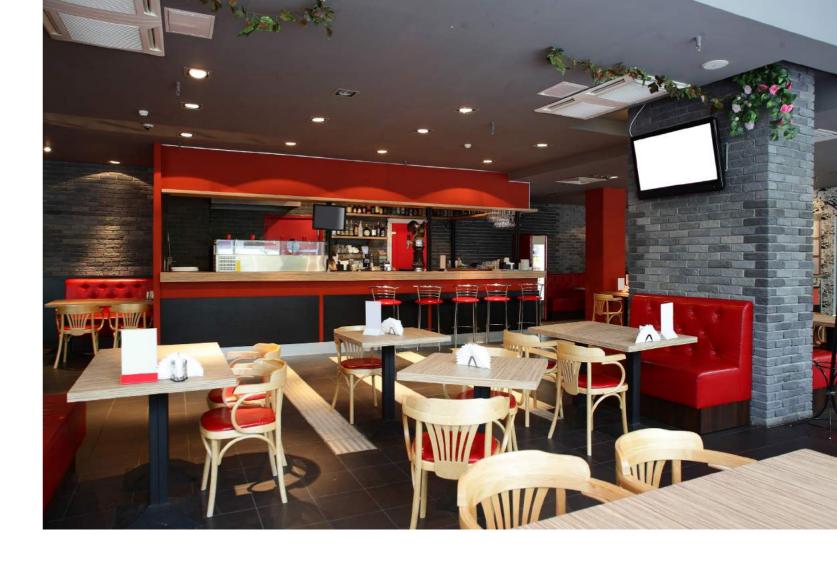


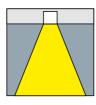
@110 20W/25W/30W

**@**110 20W/25W/30W

#### Accessories









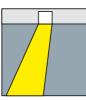
Meet the demand of accent lighting and spatial lighting for the building.



Downlights (Fixed)

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





Accentuation

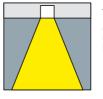
Meet the demand of accent lighting and spatial lighting for the building.



Directional luminaires (Adjustable)

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





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.





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.

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 20W	1600 1600	18° 24°	25W 25W	2000 2000	18° 24°	30W 30W	2400 2400	18° 24°
20W 20W	1600 1600	36° 45°	25W 25W	2000 2000	36° 45°	30W 30W	2400 2400	36° 45°



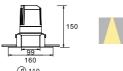


Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1D-4F	20W 25W 30W	18° 24° 36° 45°	1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
N	Medium		Medium			Wide	
	3000K_18° Ra:	>90	3000K 24°	Ra>90		3000K 36° Ra>90	
90 60 20W		90° H(m) E(lx) D(m)  1 6821 0.43  60° 2 1705 0.86  3 757 1.29  30° 4 426 1.72  5 272 2.15	90 60 30	90° H(m) 1 60° 2 3 30° 4	E(Ix) D(m) 6378 0.44 1594 0.88 708 1.32 398 1.77 255 2.21	90° H(m) 1 60° 2 3 30° 4	E(Ix) D(m) 3741 0.61 935 1.23 445 1.85 233 2.46 149 3.08
	Output power 20W Luminous flux 1589		Output power 2 Luminous flux 1	0W		Output power 20W Luminous flux 1564Im	
	3000K 18° Ra	>90	3000K 24°	Ra>90		3000K 36° Ra>90	
90 60 30 <b>25</b> W		90° H(m) E(Ix) D(m)  1 9016 0.34  60° 2 2254 0.69  3 1002 1.04  30° 4 563 1.39  5 360 1.74	30	1 8 60° 2 2 3 30° 4	E(lx) D(m) 8572 0.40 2143 0.81 952 1.21 535 1.61 342 2.01	60° 2 3 3 30° 4	E(Ix) D(m) 4607 0.64 1152 1.29 511 1.94 288 2.59 184 3.24
	Beam angle 18° Output power 25W Luminous flux 1529		Beam angle 2 Output power 2 Luminous flux 1			Beam angle 36° Output power 25W Luminous flux 1761Im	

# **Trimless 4inch Fixed 110**



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





Model		Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-3	3D-4F	20W 25W 30W	18° 24° 36° 45°	1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	Medium			Medium			Wide	
	18°			24°			36°	
	300	0K 18° Ra>90		3000K 24° Ra	>90		3000K 36° Ra>90	
20W	60	90° H(m 60° 2 3 30° 4 5	6821 0.43 1705 0.86 757 1.29 426 1.72 272 2.15	60	90° H(m) E(lx) 1 6378 60° 2 1594 3 708 30° 4 398 5 255	0.44	90° H(m) E(l 60° 2 93 30° 4 23 5 14	41 0.61 5 1.23 5 1.85 3 2.46
		angle 18° t power 20W ous flux 1589Im		Beam angle 24° Output power 20W Luminous flux 1602			Beam angle 36° Output power 20W Luminous flux 1564Im	
	300	0K 18° Ra>90		3000K 24° Ra	>90		3000K 36° Ra>90	
25W	60	90° H(m 60° 2 3 30° 4 5	9016 0.34		90° H(m) E(lx)  1 8572 60° 2 2143 3 952 30° 4 535 5 342	0.40	90° H(m) E(I 60° 2 111 30° 4 28 5 18	07 0.64 52 1.29 1 1.94 8 2.59
		angle 18° t power 25W		Beam angle 24° Output power 25W			Beam angle 36° Output power 25W	

### **Narrow trim** 4inch Adjustable 100



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









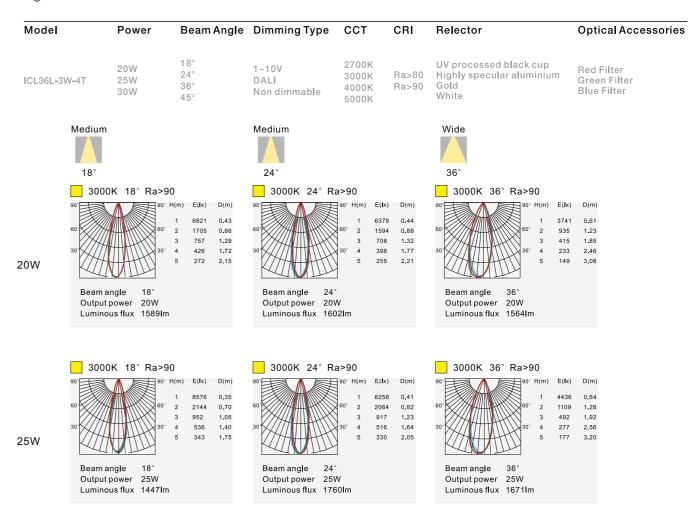
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL36L-1W	20W 7-4T 25W 30W	18° 24° 36° 45°	1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	Medium 18°		Medium 24°			Wide 36°	
	3000K 18° R	a>90	3000K 24° F	Ra>90		3000K 36° Ra>90	
20W	Beam angle 18 Output power Luminous flux 15i	W	Beam angle 20 Output power Luminous flux 16	1 60° 2 1! 3 7 30° 4 3 5 2	(Ix) D(m) 378 0.44 594 0.88 08 1.32 98 1.77 55 2.21	60° 2 30° 4	E(lx) D(m) 3741 0.61 935 1.23 415 1.85 233 2.46 149 3.08
	3000K 18° R	a>90	3000K 24° F	Ra>90		3000K 36° Ra>90	
25W	90	90° H(m) E(x) D(m) 1 8576 0.35 60° 2 2144 0.70 3 952 1.05 30° 4 536 1.40 5 343 1.75	60	1 8: 60° 2 2: 3 9 30° 4 5	(lx) D(m) 258 0.41 064 0.82 117 1.23 116 1.64 130 2.05	60° 2 330° 4	E(lx) D(m)  4436 0.64  1109 1.28  492 1.92  277 2.56  177 3.20
	Beam angle 18 Output power 25 Luminous flux 14	W	Beam angle 24 Output power 25 Luminous flux 17	5W		Beam angle 36° Output power 25W Luminous flux 1671lm	

### **Trimless** 4inch Adjustable 110

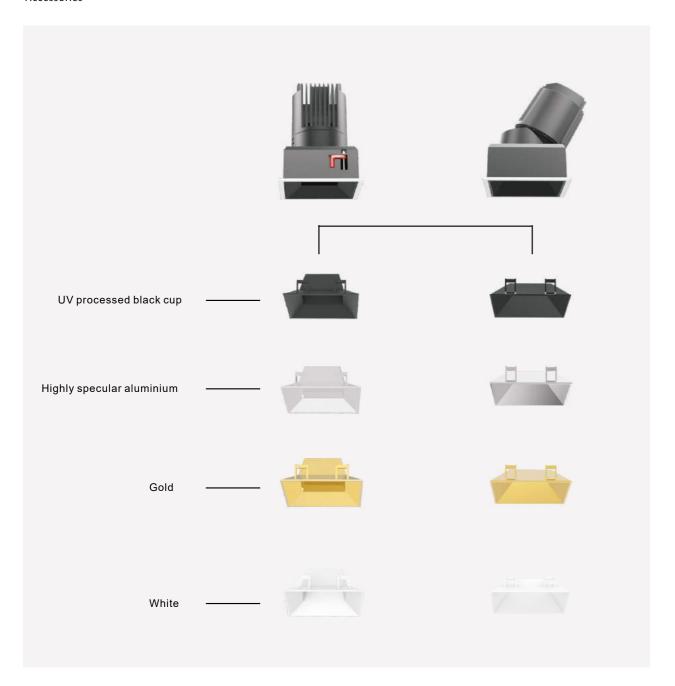


W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-C	RI 90		3000K-C	RI 90	
20W 20W 20W 20W	1200 1200 1200 1200	18° 24° 36° 45°	25W 25W 25W 25W	1500 1500 1500 1500	18° 24° 36° 45°	30W 30W 30W 30W	1800 1800 1800 1800	18° 24° 36° 45°





#### Accessories



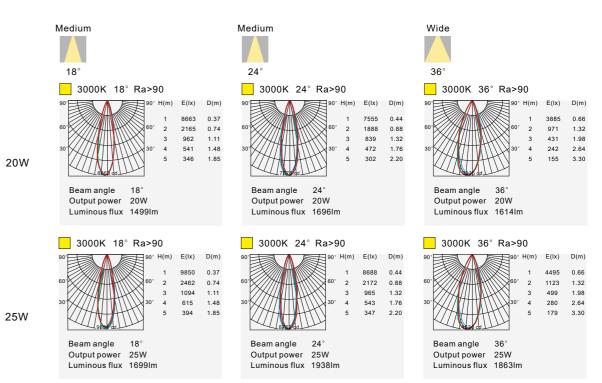
# Narrow trim 4inch Fixed 100\*100



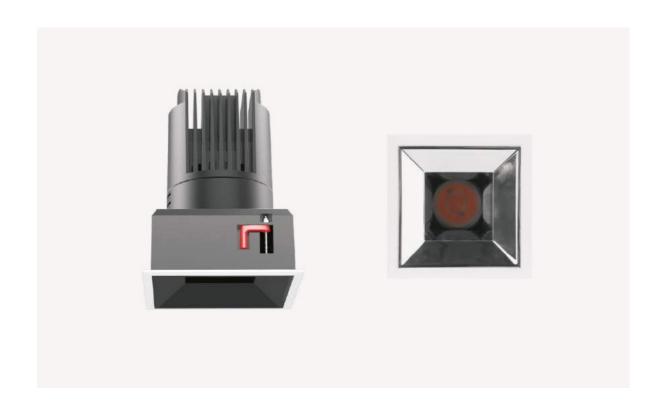
w	LM	Optic	w	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-C	RI 90		3000K-C	RI 90	
20 W 20 W 20 W 20 W	1600 1600 1600 1600	18° 24° 36° 45°	25W 25W 25W 25W	2000 2000 2000 2000	18° 24° 36° 45°	30W 30W 30W 30W	2400 2400 2400 2400	18° 24° 36° 45°



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

#### Specular Reflector

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

High-power LED

SDCM<3

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

4 types of reflector choices

#### Cooling System

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





management







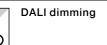
Optischer cut-off 35



Different color temperatures



Excellent thermal





IP level



Deep anti-dazzle



(b)

Shading Anti-dazzle

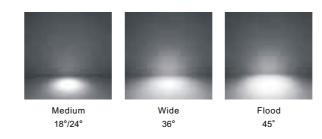
Different color filters

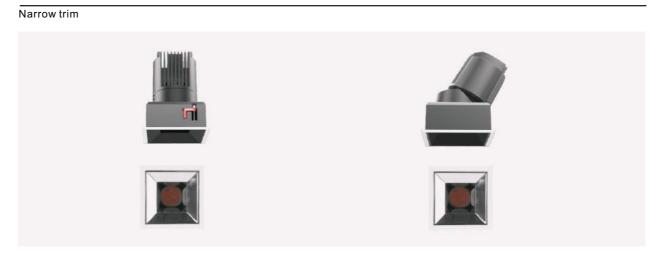
Horizontal 360°

EMC - optimised

Different dimming

#### Optics

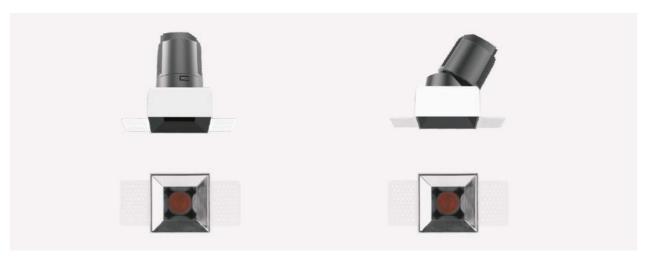




**1**100\*100 20W/25W/30W

**1** 100\*100 20W/25W/30W

#### Trimless



**1**100\*100 20W/25W/30W

100\*100 20W/25W/30W

# Trimless 4inch Fixed 100\*100

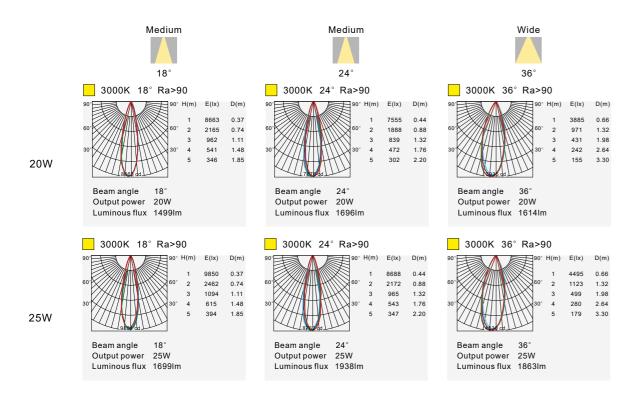


W	LM	Optic	w	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-C	RI 90		3000K-C	CRI 90	
20W 20W	1600 1600	18° 24°	25W 25W	2000 2000	18° 24°	30W 30W	2400 2400	18° 24°
20W	1600	36°	25W	2000	36°	30W	2400	36°
20W	1600	45°	25W	2000	45°	30W	2400	45°





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



# Narrow 4inch Adjustable 100\*100

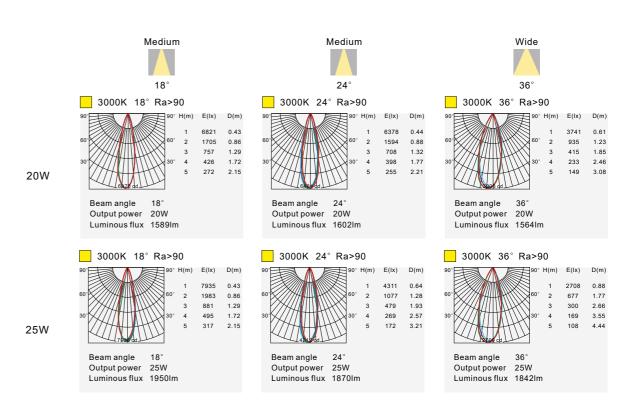


W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-	CRI 90		3000K-C	RI 90		3000K-0	CRI 90	
20W 20W 20W 20W	1600 1600 1600 1600	18° 24° 36° 45°	25W 25W 25W 25W	2000 2000 2000 2000	18° 24° 36° 45°	30W 30W 30W 30W	2400 2400 2400 2400	18° 24° 36° 45°





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



# **Trimless 4inch Adjustable 100\*100**



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





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL36L-4W-4	20W IT 25W 30W	18° 24° 36° 45°	1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Red Filter Green Filter Blue Filter
	Mediuu 18°	m 		dium 24°		Wide 36°	
	3000K 18° Ra>	90	3000K 24° I			3000K 36° Ra>90	
20W	Beam angle 18° Output power 20W Luminous flux 1589	3 757 1.29 3 757 1.29 5 272 2.15	Beam angle 2 Output power 2 Luminous flux 1	1 60° 2 1 3 30° 4 : 5 :	(tk) D(m) 378 0.44 594 0.88 608 1.32 698 1.77 2.55 2.21		E(lx) D(m) 3741 0.61 935 1.23 415 1.85 233 2.46 149 3.08
25W	3000K 18° Ra>  90  60  60  30  Beam angle 18°  Output power 25W  Luminous flux 1950li	1 7935 0.43 2 1983 0.86 3 881 1.29 4 495 1.72 5 317 2.15	•	90° H(m) E 1 4 60° 2 1 3 4 30° 4 2 5 4° 5W	(lx) D(m) 311 0.64 077 1.28 79 1.93 769 2.57 72 3.21	60° 2 30° 30° 4	E(bx) D(m) 2708 0.88 677 1.77 300 2.66 169 3.55 108 4.44

	ICL36L-1-4			ICL36L-3-4			ICL36L-2-4			ICL36L-4-4		
	20W	25W	30W									
Optics												
Medium 18°		•		•		•	•			•		
Medium 24°			•	•	•	•	•	•	•	•		
	•					•		•	•		•	
11.45		•	•	•	•		•			•		
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	•	•	•	•	•	•	•	•	•	•	•	

### Optical Accessories



### **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







Excellent thermal management



Different dimming



Different sizes



EMC - optimised



IP level



Different color temperatures

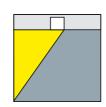
### Optics



Wall Washer

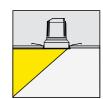






Wallwashing
Wide asymmetric light
distribution for wall
washing lighting or
creating a sense of
space.





Wallwashing Asymmetrical light distribution for highly uniform wallwashing.

LED 5W-30W 400lm-2400lm

### **3inch Wallwasher 75**



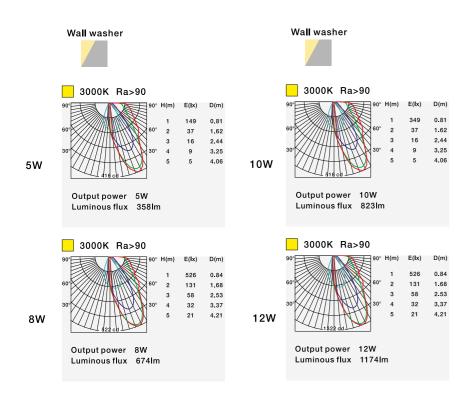
w	LM	Optic
3000K-	CRI 90	
5W 8W	400 640	Wallwasher Wallwasher

w	LM	Optic
3000K-0	CRI 90	
10W	800	Wallwasher
12W	960	Wallwasher





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



### 4inch Wallwasher 100



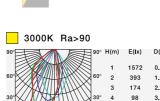
W	LM	Optic
3000K-C	RI 90	
20 W	1600	Wallwasher
25W	2000	Wallwasher
30W	2400	Wallwasher

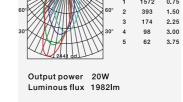


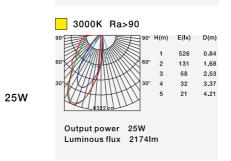
Wall washer

20W

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







	ICL36L	-1V-3F-S	ICL36L-	-1V-3F-H	1	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	•	•		•	•	•	•

- 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 3 types of reflector choices 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

#### Shading Anti-dazzle

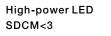
(b)

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.

EMC - optimised

Different dimming

Different sizes





Different light distributions



Optischer cut-off 35





Different color temperatures



**Excellent thermal** management



DALI dimming





IP level







Deep anti-dazzle

Narrow

15°

Optics





20°/24°

15W/20W/25W



30°/36°



40°/45°

#### Narrow trim



30W

#### **Finishes**



10W/15W





15W/20W/25W

30W/40W

UV processed black cup

Highly specular aluminium

Gold



## **Narrow trim 3inch Fixed 85**



W	LM	Optic	w	LM	Optio
3000K-0	CRI 90	·	3000K-0	CRI 90	
10W	650	15°	15W	1050	15°
10W	650	24°	15W	1050	24°
10W	650	36°	15W	1050	36°



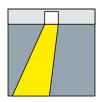


	Accentuation Meet the demand accent lighting ar
/ /	spatial lighting fo



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.

10W-40W 650lm-3400lm

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
CL13R-3F	10W 15W	15° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	Narrow		Medium		٧	Vide
	15°		24°		,	36°
	3000K 15°	Ra>90	3000K 24° F	Ra>90		3000K 36° Ra>90
10W	90 60 30 48/25/08	90° H(m) E(lx) D(m) 1 4562 0.25 60° 2 942 0.55 3 506 0.76 30° 4 285 1.01 5 182 1.27	90 60 30	90° H(m) E(lx)  1 2862 60° 2 591 3 318 30° 4 178 5 114		90° H(m) E(k) D(m 1 1606 0.68 60° 2 331 1.9 3 178 1.9 30° 4 100 2.6 5 64 3.28
	Beam angle Output power Luminous flux		Beam angle 24 Output power 10 Luminous flux 64	W		Beam angle 36° Output power 10W Luminous flux 628Im
	3000K 15°	Ra>90	3000K 24° F	Ra>90		3000K 36° Ra>90
15W	90 60 30 6552cd	90° H(m) E(lx) D(m) 1 6199 0.25 60° 2 1280 0.56 3 688 0.76 30° 4 387 1.02 5 247 1.27	90 60 30 410eCd	90° H(m) E(bx)  1 4122  60° 2 851  3 458  30° 4 257  5 164		90° H(m) E(k) D(m 1 1965 0.66 60° 2 406 1.50 3 218 2.0 30° 4 122 2.73 5 78 3.4
	Beam angle Output power Luminous flux		Beam angle 24 Output power 15 Luminous flux 94	W		Beam angle 36° Output power 15W Luminous flux 863Im

### **Narrow trim** 4inch Fixed 120



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

W	LM	Optic	W	LM
3000K-0	CRI 90	3000K-0	CRI 90	
20W	1400	15°	25W	1750
20W	1400	24°	25W	1750
20W	1400	36°	25W	1750

Optic

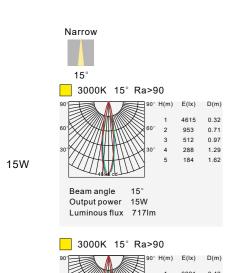
15°

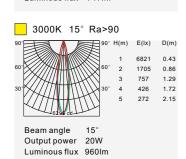


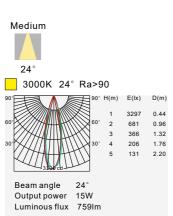
20W

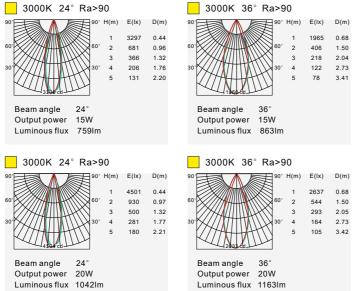


Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL13R-4F	15W 20W 25W	15° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold









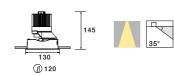
Wide

36°

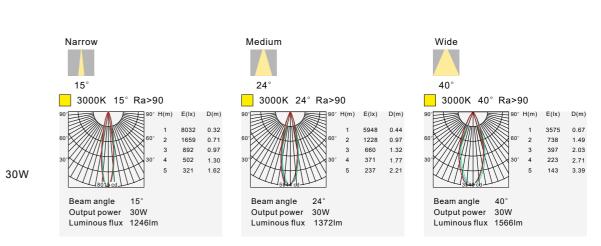
### **Narrow trim** 4inch Fixed 120



W	LM	Optio
3000K-0	CRI 90	
30W	1800	15°
30W	1800	24°
30W	1800	40°



Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-4F	30W	15° 24°	TRIAC 1~10V DALI	2700K 3000K 3500K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium
		40°	Non dimmable	4000K	110200	Gold



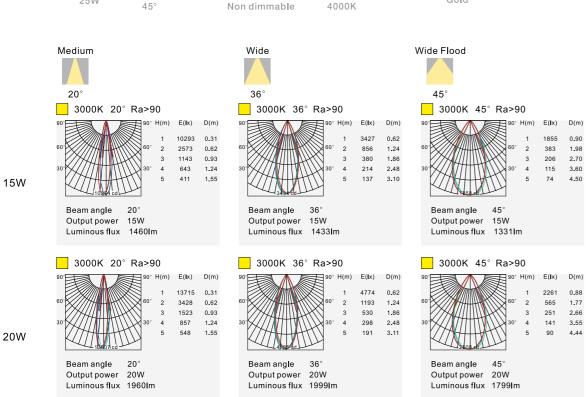
# Narrow trim 5inch Fixed 150



w	LM	Optic	w	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90		3000K-0	CRI 90	
15W 15W 15W 15W	1275 1275 1275 1275	20° 30° 36° 45°	20W 20W 20W 20W	1700 1700 1700 1700	20° 30° 36° 45°	25W 25W 25W 25W	2125 2125 2125 2125	20° 30° 36° 45°



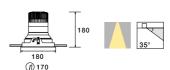
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL13R-5F	15W 20W 25W	20° 30° 36°	TRIAC 1~10V DALI	2700K 3000K 3500K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold



### 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	ССТ	CRI	Relector
ICL13R-6F	30W 40W	15° 24° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	Narrow		Medium			Wide
	15°	90	24° 3000K 24° F	Ra>90		36° 3000K 36° Ra>90
30W		H(m) E(ix) D(m)  1 15643 0.30 2 3910 0.60 3 1738 0.90 4 977 1.20 5 625 1.50	Beam angle 2-Output power 30 Luminous flux 2	90° H(m) E(Ix) 1 9325 60° 2 2331 3 1036 30° 4 582 5 373	D(m) 0.42 0.84 1.27 1.69 2.11	90° H(m) E(lx) D(m 1 6136 0.66 60° 2 1534 1.26 30° 4 383 2.46 5 245 3.12  Beam angle 36° Output power 30W Luminous flux 2315Im
40W	3000K 15° Ra>9  00  00  00  00  00  00  00  00  00	H(m) E(lx) D(m)  1 21769 0.29  2 5442 0.58  3 2418 0.88  4 1360 1.17  5 870 1.47	3000K 24° F	90° H(m) E(lx) 1 12471 60° 2 3117 3 1385 30° 4 779 5 498	D(m) 0.42 0.84 1.27 1.69 2.12	3000K 36° Ra>90  90° H(m) E(lx) D(m 60° 2 2077 1.2: 30° 4 519 2.44 5 332 3.0!  Beam angle 36° Output power 40W Luminous flux 3257Im

## **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.

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

Shading Anti-dazzle

3 types of reflector choices



High-power LED SDCM<3



Different light distributions



Optischer cut-off 35°





IP level



Deep anti-dazzle



Excellent thermal management



EMC - optimised



DALI dimming



Different dimming (d)



Tiltable 30° Horizontal 350°



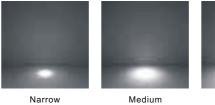
Different sizes





Different color temperatures

#### Optics







15°

20°/24°

30°/36°

40°/45°

#### Narrow trim



### Finishes







UV processed black cup

Highly specular aluminium

Gold

## Narrow trim 3inch Adjustable 85



w	LM	Optic	w	LM	Optic			
3000K-0	CRI 90		3000K-0	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 15W	15° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	Narrow		Medium			Wide
	15°		24°			36°
	3000K 15° Ra>	90	3000K 24° F	Ra>90		3000K 36° Ra>90
10W	Beam angle 15° Output power Luminous flux 589In	3 506 0.76 4 285 1.01 5 182 1.27	Beam angle 20 Output power 10 Luminous flux 6	ow	D(m) 0.41 0.92 1.25 1.67 2.09	90° H(m) E(lx) D 60° 2 331 1 30° 4 100 2 5 64 3  Beam angle 36° Output power 10W Luminous flux 628Im
	3000K 15° Ra>	90	3000K 24° F	Ra>90		3000K 36° Ra>90
15W	90 60 30 30 665568	" H(m) E(lx) D(m)  1 6199 0.25  " 2 1280 0.56  3 688 0.76  " 4 387 1.02  5 247 1.27	90 60 30	90° H(m) E(lx) 1 4122 60° 2 851 3 458 30° 4 257 5 164	D(m) 0.44 0.96 1.32 1.76 2.20	90° H(m) E(lx) D  1 1965 0  60° 1 30° 4 122 2  5 78 3
	Beam angle 15° Output power 15W Luminous flux 804In	1	Beam angle 24 Output power 15 Luminous flux 9	5W		Beam angle 36° Output power 15W Luminous flux 863Im

## Narrow trim 4inch Adjustable 120



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-C	CRI 90		3000K-0	CRI 90		3000K-0	CRI 90	
15W 15W 15W	1050 1050 1050	15° 24° 36°	20W 20W 20W	1400 1400 1400	15° 24° 36°	25W 25W 25W	1750 1750 1750	15° 24° 36°

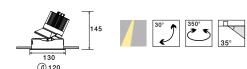


Model		Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL13R-4	Т	15W 20W 25W	15° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold
	Narrow			Medium		Wide	
	15°			24°		36°	
15W	Beam a Output I	K 15° Ra>9  60°  ngle 15°  cower 15W  us flux 717lm	-		0° H(m) E(lx) 1 3297 0° 2 681 3 366 0° 4 206 5 131	D(m) 90 0.44 0.96 60 1.32 1.76 30 2.20 Bear Outp	90° H(m) E(lx) D(m)  90° H(m) E(lx) D(m)  1 1965 0.68 60° 2 406 1.50 3 218 2.04 30° 4 122 2.73 5 78 3.41  n angle 36° ut power 15W nous flux 863Im
20W	900 600 300 Beam a Output p	60° 30° ngle 15°	O H(m) E(lx) D(m) 1 6821 0.43 2 1705 0.86 3 757 1.29 4 426 1.72 5 272 2.15		0° H(m) E(lx) 1 4501 0° 2 930 3 500 0° 4 281 5 180	D(m) 90 0.44 0.97 60 1.32 1.77 2.21	90° H(m) E(lx) D(m) 1 2637 0.68 60° 2 544 1.50 3 293 2.05 30° 4 164 2.73 5 105 3.42  mangle 36° ut power 20W nous flux 1163Im

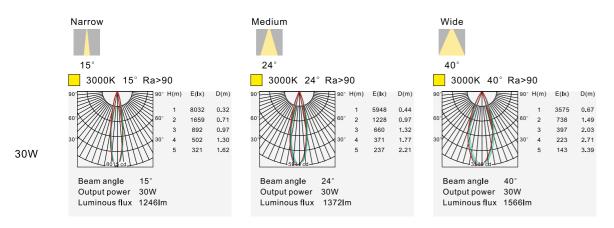
# Narrow trim 4inch Adjustable 120



W	LM	Optio
3000K-	CRI90	
30W	1800	15°
30W	1800	24°
30W	1800	40°



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



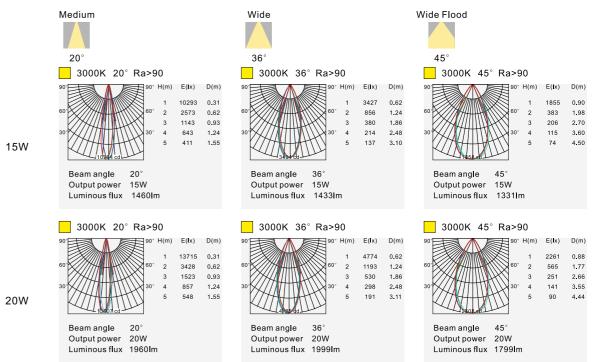
# Narrow trim 5inch Adjustable 150



w	LM	Optic	w	LM	Optic	w	LM	Optic	
3000K-CRI 90			3000K-0	3000K-CRI 90			3000K-CRI 90		
15W 15W 15W 15W	1275 1275 1275 1275	20° 30° 36° 45°	20W 20W 20W 20W	1700 1700 1700 1700	20° 30° 36° 45°	25W 25W 25W 25W	2125 2125 2125 2125	20° 30° 36° 45°	



Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL13R-5T	15W 20W 25W	20° 30° 36°	TRIAC 1~10V DALI	2700K 3000K 3500K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold



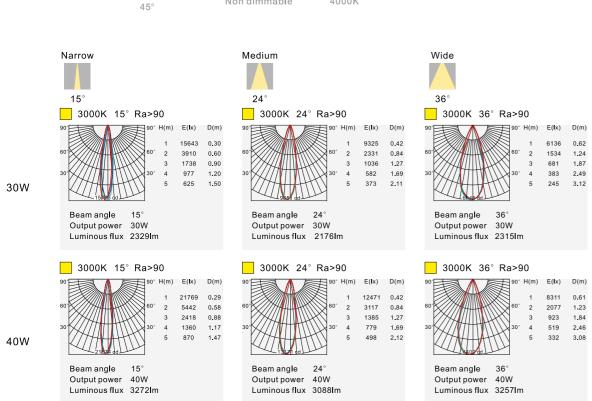
## Narrow trim 6inch Adjustable 170



$\overline{w}$	LM	Optic	W	LM	Optic		
3000K-C	RI 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
CL13R-6T	30W 40W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold



	ICL1	3R-3		ICL	13R-4			ICL13R-5		ICL1	3R-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	•	•	0	•	0	•	•	•	•	•	•
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



(D)

EMC - optimised

Different dimming



**DALI** dimming





IP level

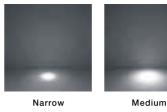


Different sizes



Deep anti-dazzle

#### Optics









15°

20°/24°

Wide 30°/36°

Flood 45°









#### Accentuation Meet the demand of accent lighting and spatial lighting for the



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





Downlights (Adjustable) Narrow to very wide beam, rotationally symmetrical light 560lm-2800lm distribution for accent lighting.

Downlights (Fixed)

# Narrow to very wide beam , 8W-40W rotationally symmetrical light distribution for accent lighting.

LED 8W-40W

### 3inch Fixed 85



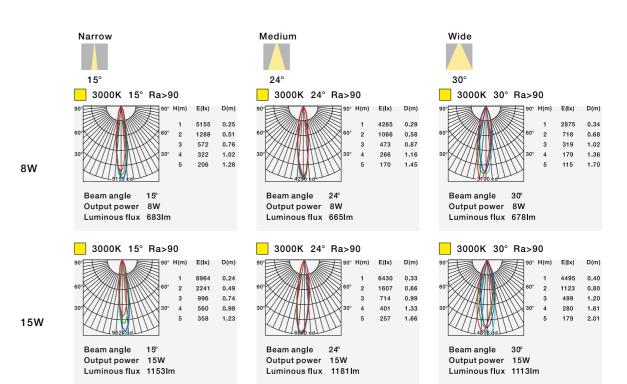
w	LM	Optic	w	LM	Optic		
3000K-	CRI 90		3000K-CRI 90				
8W	560	15°	15W	1050	15°		
8W	560	24°	15W	1050	24°		
8W	560	30°	15W	1050	30°		







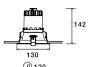
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL04R-3F	8W 15W	15° 24° 30°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold



### 4inch Fixed 120



w	LM	Optic	w	LM	Optic		
**	LIVI	Optio	**	LIVI	Optio		
3000K-0	CRI 90		3000K-CRI 90				
15W	1050	15°	20W	1400	15°		
15W	1050	24°	20W	1400	24°		
15W	1050	30°	20W	1400	30°		





Мо	del	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL0	4R-4F	15W 20W	15° 24° 30°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminiu Gold
	Narrow 15°	0K 15° Ra>9		Medium  24°  3000K 24° Ra>90		Wide 30° 3000K	30° Ra>90
15W	Beam a Output Lumino	60° 30° ngle 15°	H(m) E(b) D(m)  1 7089 0.26  2 1772 0.53  3 787 0.79  4 443 1.06  5 283 1.33	90° H(m) 60° 2 30° 4 5 Beam angle 24° Output power 15W Luminous flux 1134Im	E(b) D(m)  4805 0.43 1201 0.86 533 1.30 300 1.73 192 2.17	Beam ang Output po Luminous	
20W	90 60 30 Beam a Output	60° 30° ngle 15°	H(m) E(k) D(m)  1 9289 0.26 2 2322 0.53 3 1032 0.80 4 580 1.07 5 371 1.34	3000K 24° Ra>90 90° H(m) 60° 2 30° 4 5  Beam angle 24° Output power 20W Luminous flux 1385Im	E(lx) D(m) 5877 0.43 1469 0.86 653 1.30 367 1.73 235 2.16	Beam ang Output po	

### 4inch Fixed 120



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





Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL04R-4F	30W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	0.001/	Ra>80 Ra>90	Highly specular aluminium Gold
	Narrow		Medium		Wid	le
	15°		20°		36	0
	3000K 15° R	a>90	3000K 20° R	a>90	3	3000K 36° Ra>90
30W	90 60 30 1848260	90° H(m) E(k) D(m)  1 15481 0.25  80° 2 3870 0.50 3 1720 0.76 30° 4 967 1.01 5 619 1.27	90 60 30 9A 3-03	1 9488 ( 60° 2 2372 ( 3 1054 1	D(m) 90 0.36 0.72 60 1.08 1.44 30	90° H(m) E(lx) D(m)  1 4276 0.62  60° 2 1069 1.25  3 475 1.88  30° 4 267 2.50  5 171 3.13
	Beam angle 15 Output power 30 Luminous flux 21	W	Beam angle 20' Output power 30' Luminous flux 208	N	Ou	am angle 36° tput power 30W minous flux 2072Im

### 6inch Fixed 170

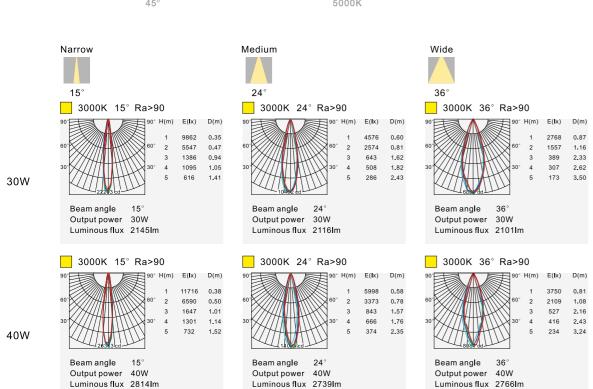


w	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-0	CRI 90	
30W	2100	15°	40W	2800	15°
30W	2100	24°	40W	2800	24°
30///	2100	30°	40W	2800	30°
30W	2100	36°	40W	2800	36°
30W	2100	45°	40W	2800	45°





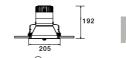
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL04R-6F	30W 40W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Highly specular aluminium Gold



### 8inch Fixed 195

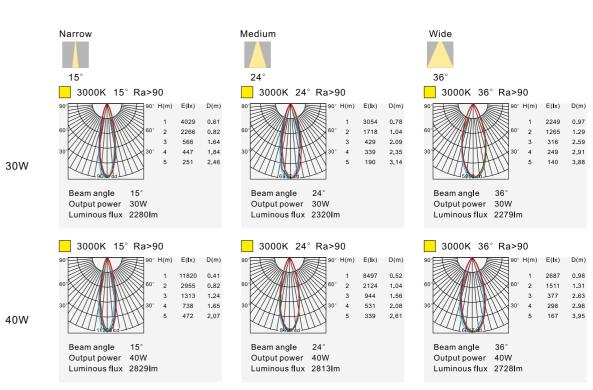


W	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
30W	2100	15°	40W	2800	15°
30W	2100	24°	40W	2800	24°
30W	2100	30°	40W	2800	30°
30W	2100	36°	40W	2800	36°
30W	2100	45°	40W	2800	45°





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



	ICL1	4R-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)

- 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



Different light distributions



Optischer cut-off 30



Different sizes



Excellent thermal management



DALI dimming





Tiltable 30°



Different color

temperatures



Different dimming

EMC - optimised

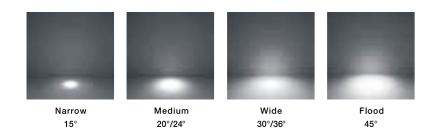


IP level



Deep anti-dazzle

#### Optics





#### Finishes



### **3inch Adjustable 85**

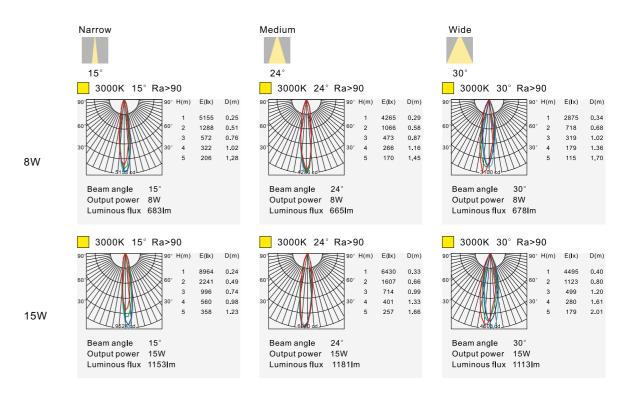


W	LM	Optic	W	LM	Optic	
3000K-	CRI90		3000K-CRI 90			
8W	560	15°	15W	1050	15°	
8W	560	24°	15W	1050	24°	
8W	560	30°	15W	1050	30°	





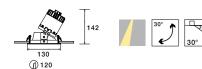
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
ICL03R-3T	8W 15W	15° 24° 30°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold



## 4inch Adjustable 120



w	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-0	CRI 90	
15W	1050	15°	20W	1400	15°
15W	1050	24°	20W	1400	24°
15W	1050	30°	20W	1400	30°

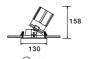


Model	Power	Beam Angle	Dimming Ty	ype CC	гС	RI	Relector	
ICL03R-4T	15W 20W	15° 24° 30°	TRIAC 1~10V DALI Non dimmab	2700 3000 3500 4000 5000	)K )K F )K	Ra>80 Ra>90	Highly specular a Gold	uminium
	Narrow		Medium			Wid	e	
	15°		24°			30°		
	3000K 15°			24° Ra>90			000K 30° Ra>90	
15W	90 60 30 30	1 3644 ( 60° 2 2049 ( 3 512 ( 30° 4 404 (	(m) 90 .32 .43 60 .87 .98 30	90° H(m) 1 60° 2 3 30° 4 5	4885 0.4 1221 0.8 542 1.2 305 1.7 195 2.1	3 6 60° 9 2 30°	90° H(m) 60° 2 3 30° 4 5	2860 0.53 715 1.07 317 1.61 178 2.15 114 2.68
	Beam angle Output power Luminous flux			gle 24° ower 15W sflux 1158Im		Out	am angle 30° put power 15W ninous flux 1130Im	
	3000K 15°	Ra>90	3000K	24° Ra>90		<u> </u>	000K 30° Ra>90	
20W	90 60 30 990 kd	90° H(m) E(lx) D 1 8740 0 60° 2 2185 0 3 971 0 30° 4 546 0	(m) 90 223 447 60 71 95 30	90° H(m) 1 60° 2 3 30° 4 5	E(Ix) D(m 5973 0.4 1493 0.8 663 1.2 373 1.7 238 2.1	90° 22 55 60° 7	90° H(m) 1 60° 2 3 30° 4 5	E(Ix) D(m 4318 0.52 1079 1.05 479 1.58 269 2.10 172 2.63
	Beam angle Output power Luminous flux	15° 20W 1385Im		gle 24° ower 20W s flux 1444Im		Out	nm angle 30° put power 20W ninous flux 1400Im	

## 4inch Adjustable 120



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





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
ICL03R-4T	30W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold
	Narrow		Medium		Wi	de
	15°		20°		36	)°
	3000K 15° Ra>	90	3000K 20° Ra>	90		3000K 36° Ra>90
30W	90 60 30 30 13000 bd	3 1450 0.76	90 60 30 30 919 4	1 9391 0 ° 2 2347 0 3 1043 1 ° 4 586 1	0(m) 90 0.35 0.71 60 0.07 .43 30	90° H(m) E(k) D(m)  1 4101 0.60  60° 2 1025 1.20  30° 4 256 2.40  5 164 3.01
	Beam angle 15° Output power 30W Luminous flux 2149Ir	n	Beam angle 20° Output power 30W Luminous flux 2074I	m	Ou	nam angle 36° utput power 30W minous flux 2070Im

 $\sim$  121

## **6inch Adjustable 170**



w	LM	Optic	w	LM	Optic
3000K-0	CRI90		3000K-0	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	ССТ	CRI	Relector
ICL03R-6T	30W 40W	15° 24° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold
	Narrow 15°		Medium 24°			Wide 36°
30W		90° H(m) E(k) D(m)  1 10092 0.35 60° 2 5676 0.47 3 1419 0.94 30° 4 1121 1.05 5 630 1.41	3000K 24° Ra  90° 60° 30° Beam angle 24° Output power 300 Luminous flux 206	90° H(m) E(Ix)  1 4406 60° 2 2478 3 619 30° 4 489 5 275	D(m) 90 0.60 0.81 60 1.62 1.82 30 2.43	3 374 2.37
40W	•	90° H(m) E(k) D(m)  1 11285 0.37  60° 2 6348 0.50 3 1587 1.00 30° 4 1253 1.13 5 705 1.51	3000K 24° Ra  90  60  30  Beam angle 24°  Output power 400  Luminous flux 274	90° H(m) E(Ix)  1 5702 60° 2 3207 3 801 30° 4 633 5 356	D(m) 90 0.63 0.84 60 1.68 1.90 30 2.53	3 543 2.12

## 8inch Adjustable 195



w	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-0	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° 24° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold
	Narrow 15°		Medium 24°			ide 6°
30W	3000K 15° R  90  60  30  Beam angle 15  Output power 30  Luminous flux 22	90° H(m) E(Ix) D(m)  1 4029 0.61  60° 2 2266 0.82  3 566 1.64  30° 4 447 1.84  5 251 2.46	3000K 24° F  90  60  30  Beam angle Output power Luminous flux 23	90° H(m) E(lx)  1 3054 60° 2 1718 3 429 30° 4 339 5 190	C	3000K 36° Ra>90  90° H(m) E(lx) D(m) 1 2249 0.97 60° 2 1265 1.29 3 316 2.59 30° 4 249 2.91 5 140 3.88  Beam angle 36° Dutput power 30W Luminous flux 2279Im
40W	3000K 15° R  90  60  30  Beam angle 15  Output power 40  Luminous flux 28	90° H(m) E(lx) D(m) 1 4979 0.64 80° 2 2801 0.85 3 700 1.71 30° 4 553 1.93 5 311 2.57	3000K 24° F  90  80  80  80  80  80  80  80  80  80	90° H(m) E(lx)  1 3606 60° 2 2028 3 507 30° 4 400 5 225	C	3000K 36° Ra>90  1 2687 0.97  80° 2 1511 1.29  3 377 2.58  30° 4 298 2.91  5 167 3.88  Deam angle output power 40W  2724Im

Optics  II Narrow 15° II Medium 20° II Medium 24° II Wide 30° II Wide 30° II Vide 30° II V		ICL(	03R-3 15W	15W	ICL03R-	4 30W	ICL0	03R-6 40W	ICL(	03R-8 40W
Mariow 15°	Ontion									
Medium 20°										
Medium 24°		•		•						
Wide 30°						•				
Wide 36°   Flood 45°		•								•
Flood 45°  Colour White-Iron gray  Size  102mm*117mm 130mm*142mm 130mm*158mm 102mm*192mm 205mm*192mm 2		•	•	•		•				•
Colour White-Iron gray  Size 102mm*117mm 130mm*142mm 130mm*187mm 205mm*192mm  Cutout 85mm 120mm 120mm 170mm 195mm 120mm 170mm 105mm						•			•	•
White-Iron gray	Flood 45°					•	•	•	•	•
Size 102mm*117mm 130mm*142mm 130mm*158mm 180mm*187mm 205mm*192mm  Cutout 85mm 170mm 170mm 195mm 190mm 195mm 190mm										
102mm*117mm 130mm*142mm 130mm*158mm 180mm*187mm 205mm*192mm  Cutout 85mm 120mm 120mm 120mm 195mm	White+Iron gray	•	•	•	•	•	•	•	•	•
130mm*142mm 130mm*158mm 130mm*187mm 205mm*192mm  Cutout 85mm 120mm 120mm 120mm 120mm 1595mm 150mm 150m	Size									
130mm*142mm 130mm*158mm 130mm*187mm 205mm*192mm  Cutout 85mm 120mm 120mm 120mm 120mm 1595mm 150mm 150m		•	•							
130mm*158mm 180mm*197mm 205mm*192mm  Cutout 85mm 120mm 170mm 195mm 170mm 195mm  Function Fixed Adjustable Flow obviously refers to 2700K Ra-90 3000K Ra-90 300K R				•						
180mm*187mm 205mm*192mm  Cutout 85mm 120mm 120mm 195mm 195mm 195mm  Function Fixed Adjustable Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>80 5000K R						•				
Cutout 85mm 120mm 120mm 139mm 15mm 15mm 15mm 15mm 15mm 15mm 15mm 1								•		
85mm 120mm 170mm 195mm  Function Fixed Adjustable  Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>90 4000K Ra>80 4000K Ra>80 4000K Ra>80 5000K Ra>80 4000K Ra>80 40									•	•
85mm 120mm 170mm 195mm  Function Fixed Adjustable  Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>90 4000K Ra>80 4000K Ra>80 4000K Ra>80 5000K Ra>80 4000K Ra>80 40	Contact									
120mm 170mm 195mm  Function Fixed Adjustable Flow obviously refers to  2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>90 4000K Ra>90 5000K Ra>90 5000K Ra>90 60 60 60 60 60 60 60 60 60 60 60 60 60										
170mm 195mm  Function Fixed Adjustable  Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 5000K Ra>90 4000K Ra>90 5000K Ra>90 4000K Ra>90 5000K Ra>80 500K Ra>80 500K Ra>80 500K Ra>80 500K Ra>80 500K Ra>80 500K R										
Function Fixed Adjustable Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>90 4000K Ra>80 5000K Ra>80 500K Ra>80 5000K Ra>80 500K Ra>80 500				•		•				
Function Fixed Adjustable Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 5000K Ra>90 5000K Ra>90 6000K Ra>90 600K Ra>90								•		
Fixed Adjustable	1950000								•	•
Adjustable  Flow obviously refers to 2700K Ra>90 3000K Ra>90 3500K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>90 5000K Ra>80 3500K Ra>80 4000K Ra>80 5000K										
Flow obviously refers to 2700K Ra>90 3000K Ra>90 3000K Ra>90 4000K Ra>90 4000K Ra>90 5000K Ra>90 2700K Ra>80 3000K Ra>80 3000K Ra>80 3500K Ra>80 4000K Ra>80 5000K										
2700K Ra>90 3000K Ra>90 3500K Ra>90 4000K Ra>90 5000K Ra>90 2700K Ra>80 3000K Ra>80 3000K Ra>80 3000K Ra>80 3500K Ra>80 4000K Ra>80 5000K	Adjustable	•	•	•	•	•	•	•	•	•
3000K Ra>90 3500K Ra>90 4000K Ra>90 5000K Ra>90 2700K Ra>80 3000K Ra>80 3000K Ra>80 3500K Ra>80 4000K Ra>80 5000K	Flow obviously refers to									
3500K Ra>90 4000K Ra>90 5000K Ra>80 2700K Ra>80 3500K Ra>80 3500K Ra>80 4000K Ra>80 5000K	2700K Ra>90	•	•	•	•	•	•	•	•	•
4000K Ra>90 5000K Ra>90 2700K Ra>80 3000K Ra>80 3000K Ra>80 4000K Ra>80 5000K	3000K Ra>90	•	•	•	•	•	•	•	•	•
5000K Ra>90 2700K Ra>80 3000K Ra>80 3500K Ra>80 4000K Ra>80 5000K	3500K Ra>90	•	•	•	•	•	•	•	•	•
2700K Ra>80 3000K Ra>80 3500K Ra>80 4000K Ra>80 5000K Ra>80 5000K Ra>80  Dimming Type DALI TRIAC 1-10V Non dimmable  Reflector surface finishes Highly specular aluminium	4000K Ra>90	•	•	•	•	•	•	•	•	•
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	5000K Ra>90	•	•	•	•	•	•	•	•	•
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	2700K 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		•	•	•	•	•	•	•	•	•
4000K Ra>80  5000K Ra>80  Dimming Type  DALI  TRIAC  1-10V  Non dimmable  Reflector surface finishes  Highly specular aluminium		•	•	•	•	•	•	•	•	•
5000K Ra>80       • • • • • • • • • • • • • • • • • • •		•	•	•	•	•	•	•	•	•
Dimming Type  DALI  TRIAC  1-10V  Non dimmable  Reflector surface finishes  Highly specular aluminium		•	•	•	•	•	•	•	•	•
DALI										
TRIAC         • • • • • • • • • • • • • • • • • • •										
1-10V Non dimmable  Reflector surface finishes Highly specular aluminium		•				•		•		
Non dimmable  Reflector surface finishes  Highly specular aluminium		•								
Reflector surface finishes Highly specular aluminium		•								
Highly specular aluminium	Non dimmable	•	•	•	•	•	•	•	•	•
	Reflector surface finishes									
Gold (customize)	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 vills. 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



Different light distributions



Optischer cut-off 35



Different color

temperatures



IP 20

Ů

DALI



Different sizes

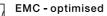
**Excellent thermal** 

management

DALI dimming

IP level





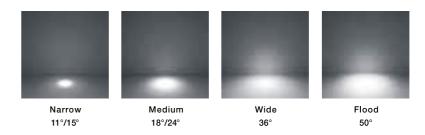


Different dimming



Deep anti-dazzle

#### Optics





#### Accessories





### **Narrow trim** 3inch Fixed 75

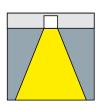


w	LM	Optic	w	LM	Optio
3000K-	CRI 90		3000K	-CRI 90	
5W	400	11°	8W	500	11°
5W	400	15°	8W	500	15°
5W	400	18°	8W	500	18°
5W	400	24°	8W	500	24°
5W	400	36°	8W	500	36°
5W	400	50°	8W	500	50°









#### 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. 8W-12W 640lm-720lm



### Directional luminaires (Adjustable)

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



LED 8W-12W 640lm-720lm



#### Accentuation

Accentuation

Meet the demand of

accent lighting and

spatial lighting for the

Meet the demand of accent lighting and spatial lighting for the



#### Downlights (Fixed)

Narrow to very wide beam , rotationally symmetrical light distribution for accent lighting. LED 8W-12W 640lm-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.



Model Beam Angle Dimming Type CCT CRI Relector Optical Accessories Power 15° TRIAC UV processed black cup Highly specular aluminium Honeycomb Filter 18° Ra>80 1~10V 3000K ICL38L-1D-3F-S Ra>90  $24^{\circ}$ DALI 4000K  $36^{\circ}$ Non dimmable 5000K 50° Medium Wide Narrow 15°  $24^{\circ}$ 36° 3000K 15° Ra>90 3000K 24° Ra>90 3000K 36° Ra>90 880 0.46 391 0.68 238 1.25 106 1.87 2 534 0.75 3 237 1.13 220 0.91 133 1.50 141 85 5W Beam angle Output power 5W Output power 5W Output power 5W Luminous flux 300lm Luminous flux 380lm Luminous flux 355lm 3000K 15° Ra>90 3000K 24° Ra>90 3000K 36° Ra>90 1211 0.62 2 302 1.23 3 134 1.85 4 75 2.47 48 ° 4375 0.23 2 1094 0.46 3 486 0.68 2 661 0.74 3 293 1.11 273 0.91 175 1.14 105 1.85 8W Output power 8W Output power 8W Luminous flux 373Im Luminous flux 472lm Luminous flux 449Im

### **Narrow trim** 3inch Fixed 75



W	LM	Optic	w	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-	CRI 90		3000K-0	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°			
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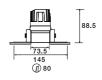


Model		Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-1	D-3F-H	10W 12W 15W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter
	Narrow			Medium			Wide	
	15°			24°			36°	
	300	0K 15° Ra>		3000K 24°			3000K 36° Ra>90	
10W	90° 60°	9 6 3	3 600 0.68	90 60 30 35N/dd	90° H(m) 1 60° 2 3 30° 4 5	E(Ix) D(m)  3282 0.37  820 0.74  364 1.11  205 1.48  131 1.85	60° 2 3 30° 4	(tk) D(m)  460 0.62  365 1.25  162 1.87  91 2.50  58 3.13
		angle 15° t power 10W ous flux 461Iı	m	Beam angle 2 Output power 10 Luminous flux			Beam angle 36° Output power 10W Luminous flux 544Im	
	300	0K 15° Ra>	·90	3000K 24°	Ra>90		3000K 36° Ra>90	
12W	90°		0° H(m) E(lx) D(m) 1 5048 0.27 0° 2 1262 0.54 3 560 0.82	90	90° H(m) 1 60° 2 3 30° 4 5	E(Ix) D(m) 4515 0.35 1129 0.71 501 1.07 282 1.42 180 1.78	90° H(m) E 60° 2 3 30° 4	E(k) D(m) 2022 0.59 505 1.19 224 1.79 126 2.38 80 2.98
		angle 15° t power 12W ous flux 550li	m	•	24° 12W 744 <b>I</b> m		Beam angle 36° Output power 12W Luminous flux 710Im	

### **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°

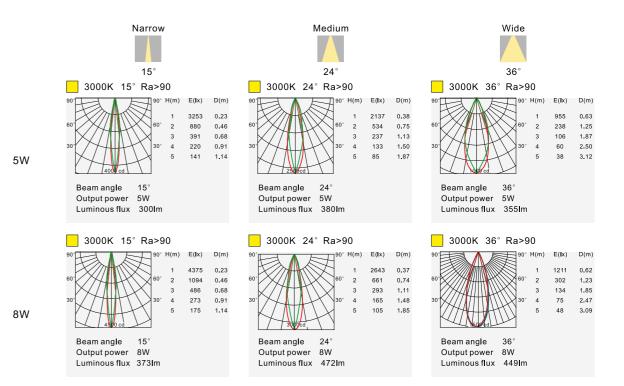








Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-3D-3F-S	5W 8W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	Honeycomb Filter



### **Trimless** 3inch Fixed 80



w	LM	Optic	w	LM	Optic	W	LM	Optic
•••		Optio	••		Optio	••		Optio
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

ICL38L-3D-3F-H

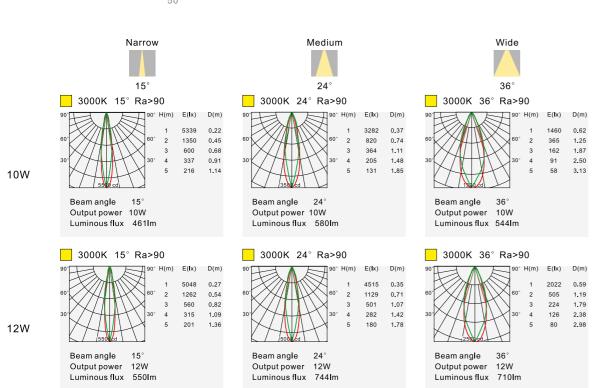


Power

12W

15W

Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
11°					
15°	TRIAC	2700K		UV processed black cup	
18°	1~10V	3000K	Ra>80	Highly specular aluminium	Honeycomb Filter
24°	DALI	4000K	Ra>90	Gold	Troney comb i liter
36°	Non dimmable	5000K		White	



Non dimmable

5000K



## **ICL38 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.

#### Adjusting Shaft Design

25° adjustable and 360° rotatable 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.

#### 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

4 types of reflector choices



High-power LED SDCM<3



Different light distributions



Optischer cut-off 35



IP level





Different sizes



Excellent thermal management



EMC - optimised

Different dimming

Horizontal 350°



**DALI** dimming



Tiltable 25°



Different color



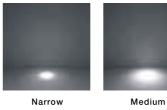
temperatures



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Deep anti-dazzle

#### Optics









Flood

11°/15°

18°/24°

Wide 36°

50°

Narrow trim

#### Trimless



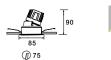
#### Accessories



# Narrow trim 3inch Adjustable 75

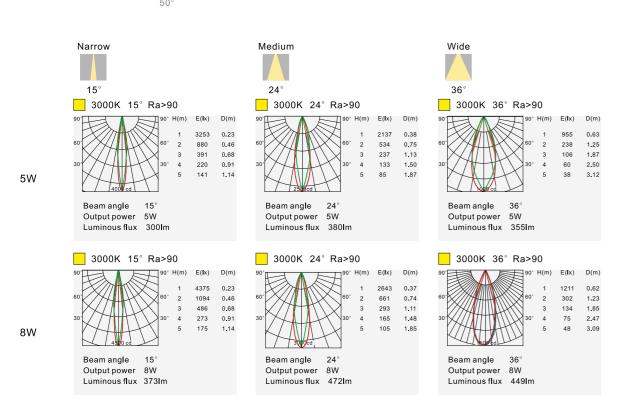


w	LM	Optic	w	LM	Optic
3000K-	CRI90		3000K	-CRI 90	
5W	400	11°	8W	500	11°
5W	400	15°	8W	500	15°
5W	400	18°	8W	500	18°
5W	400	24°	8W	500	24°
5W	400	36°	8W	500	36°
5W	400	50°	8W	500	50°





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL38L-1W-3T-S	5W 8W	11° 15° 18° 24° 36°	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



# Narrow trim 3inch Adjustable 75

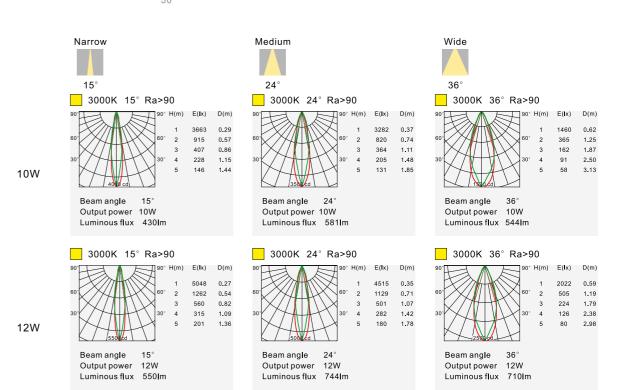


w	LM	Optic	w	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-	CRI90		3000K-0	CRI 90	
10W	600	11°	12W	800	15°	15W	880	18°
10W	600	15°	12W	800	18°	15W	880	24°
10W	600	18°	12W	800	24°	15W	880	36°
10W	600	24°	12W	800	36°	15W	880	50°
10W	600	36°	12W	800	50°			
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Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector	Optical Accessories
ICL38L-1W-3T-H	10W 12W 15W	11° 15° 18° 24° 36°	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



## **Trimless** 3inch Adjustable 80



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



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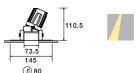


Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector	Optical Accessories
ICL38L-3W-3	5W 8W	11° 15° 18° 24° 36° 50°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 4000K 5000K	Ra>80 Ra>90	UV processed black cup Highly specular aluminium Gold White	<sup>1</sup> Honeycomb Filter
	Narrow		Medium			Wide	
	15°		24°			36°	
	3000K 15° R  90  400Ved  Beam angle Output power Luminous flux 30	90° H(m) E(lx) D(m) 1 3253 0.23 60° 2 880 0.46 3 391 0.68 30° 4 220 0.91 5 141 1.14	3000K 24° F  90  30  Beam angle 24  Output power 5V  Luminous flux 38	90° H(m) E  1 2  60° 2 5  3 2  30° 4 1  5 8	(Ix) D(m) 137 0.38 34 0.75 37 1.13 33 1.50 5 1.87	60° 2 3 3 30° 4	E(Ix) D(m) 955 0.63 238 1.25 106 1.87 60 2.50 38 3.12
	3000K 15° R  90  4400cd  Beamangle 15' Output power 8W Luminous flux 37'3	90° H(m) E(lx) D(m)  1 4375 0.23  60° 2 1094 0.46  3 486 0.68  30° 4 273 0.91  5 175 1.14	3000K 24° F  3000K 24° F  3000K 24° F  60°  30°  Beam angle 24  Output power 8V  Luminous flux 4°	90° H(m) E 1 21 60° 2 6 3 2 30° 4 1 5 1	(lx) D(m) 643 0.37 61 0.74 93 1.11 95 1.48 05 1.85	60° 2 3 3 30° 4	E(tx) D(m) 1211 0.62 302 1.23 134 1.85 75 2.47 48 3.09

## **Trimless 3inch Adjustable 80**



W	LM	Optic	W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI90		3000K-0	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°			
1.01//	600	50°						

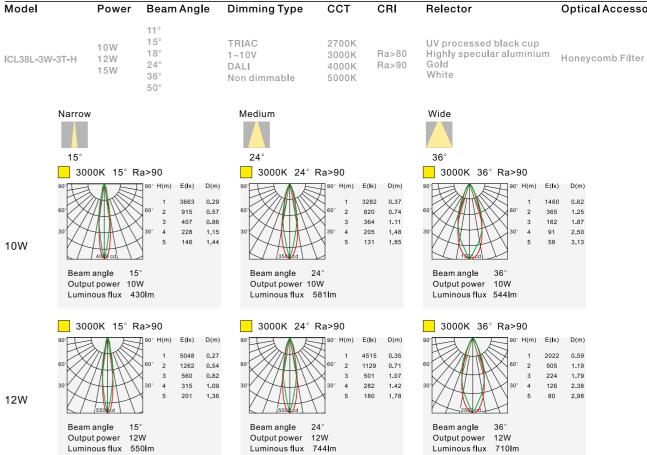








CCT	CBI	Relector	Ontical Access



	ICL38	ICL38L-1-3-S		ICL38L-1-3-H			3-3-S	ICL38L-3-3-H		
	5W			10W	15W	5W	8W	12W	10W	15W
Quation .			'			'		<u>'</u>		
Optics										
Narrow 11°	•	•	•			•	•	•		
Medium 15°	•	•	•	•		•	•	•	•	
Medium 18°	•	•	•	•	•	•	•	•	•	•
Medium 24°	•	•	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	•	•	•	•	•	•
Flood 50°	•	•	•	•	•	•	•	•	•	•
Colour										
White+Black+Iron gray	•	•	•	•	•	•	•	•	•	•
<del></del>										
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					•				•	•
			Ū	· ·	Ū					
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

### 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.



High-power LED SDCM<3



Different light distributions



Optischer cut-off 30



Different sizes



Excellent thermal management



DALI dimming



Tiltable 30°



Different color temperatures



EMC - optimised



Different dimming

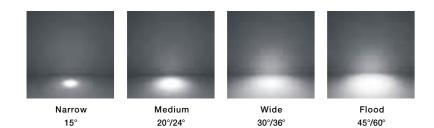


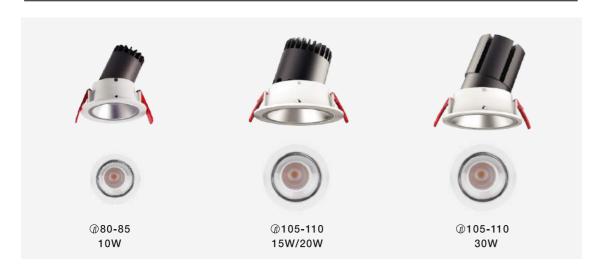
IP level



Deep anti-dazzle

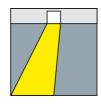
#### Optics











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



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

**LED** 10W-30W 500lm-1500lm

### 3inch Adjustable 80-85

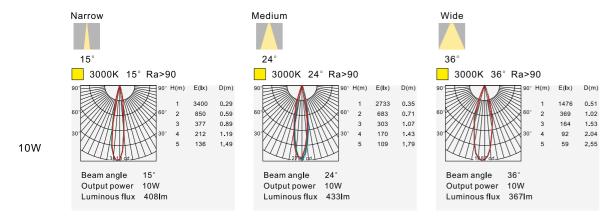


w	LM	Optic
3000K-0	CRI 90	
10W	500	15°
10W	500	24°
10W	500	30°
101//	500	260





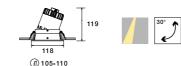
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Inner Ring
ICL05R-S-3	10W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Roundlet



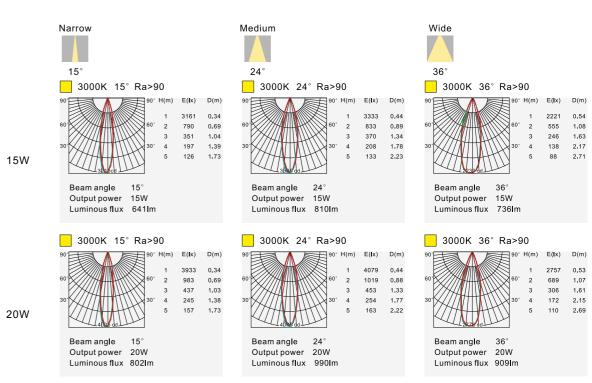
### 4inch Adjustable 105-110



w	LM	Optic	W	LM	Optic
3000K-CRI 90		3000K-0	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	ССТ	CRI	Inner Ring
ICL05R-S-4	15W 20W	15° 24° 30° 36° 60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Roundlet

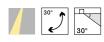


### **3inch Adjustable 80-85**



W	LM	Optic
3000K-0	CRI 90	
10W	500	15°
10W	500	24°
10W	500	30°
10W	500	36°





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Inner Ring
ICL05R-S-	3 10W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Roundlet
	Narrow		Medium		Wic	le
	15°		24°		36	0
	3000K 15° R	a>90	3000K 24° Ra	>90	;	3000K 36° Ra>90
10W	60	90° H(m) E(lx) D(m) 1 3400 0.29 60° 2 850 0.59 3 377 0.89 30° 4 212 1.19 5 136 1.49	60	1 2733 30° 2 683 3 303 30° 4 170 5 109	D(m) 90 0.35 0.71 60 1.07 1.43 30 1.79	90° H(m) E(k) D 1 1476 0 60° 2 369 1 3 164 1 30° 4 92 2 5 59 2
	Beam angle 15° Output power 10\ Luminous flux 40°	N	Beam angle 24° Output power 10W Luminous flux 433		Ou	am angle 36° Itput power 10W minous flux 367Im

### 3inch Adjustable 105-110

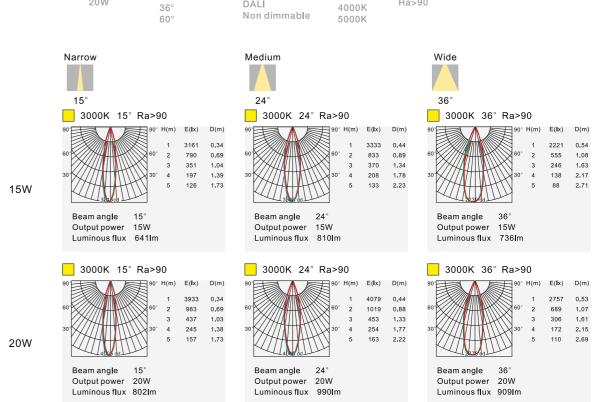


W	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°





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



### 4inch Adjustable 105-110



W	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	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	ССТ	CRI	Inner Ring		
ICL05R-E	-4 15W 20W	15° 24° 30° 36° 60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Ellipse		
	Narrow 15°		Medium 24°		Wid			
	3000K 15°	Ra>90	3000K 24° Ra	>90		3000K 36° Ra>90		
15W	•	90° H(m) E(lx) D(m)  1 1505 0.45 60° 2 846 0.60 3 211 1.21 30° 4 167 1.36 5 94 1.81  5° 5W 710Im		1 1469 (160° 2 826 (3 206 ) 3 206 (5 91 ) 5 91 :	Ou	90° H(m) 1 60° 2 3 30° 4 5 sam angle 36° atput power 15W minous flux 871Im	E(k) 1504 846 211 167 94	D(m 0.68 0.91 1.83 2.06 2.75
20W	•	90° H(m) E(lx) D(m)  1 1873 0.45  60° 2 1053 0.60 3 263 1.21 30° 4 208 1.36 5 117 1.81  5° 0W		10° H(m) E(lx) II 1 1900 ( 1 1900 ( 3 267 ( 3 267 ( 4 211 ( 5 118 ( 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D(m) 90 0.63 0.84 60 1.69 1.90 30 2.54	3000K 36° Ra>90  90° H(m) 60° 2 3 30° 4 5  sam angle 36° utput power 20W minous flux 1094Im	E(lx) 1882 1058 264 209 117	D(m) 0.68 0.91 1.82 2.05 2.73

### 4inch Adjustable 105-110



W	LM	Optio
3000K-0	CRI 90	
30W	1500	15°
30W	1500	20°
30W	1500	30°
30W	1500	36°
30W	1500	45°



Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Inner Ring
ICL05R-E-4	30W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Ellipse
	Narrow		Medium		W	lide
	15°		20°		3	36°
	3000K 15°	Ra>90	3000K 20° R	a>90		3000K 36° Ra>90
30W	90	90° H(m) E(lx) D(m) 1 8597 0.38 60° 2 2149 0.77 3 955 1.15 30° 4 537 1.54 5 343 1.93	60	90° H(m) E(lx)  1 8620 60° 2 2155 3 957 30° 4 538 5 344	0.42 0.84 60 1.27 1.69 30 2.11	90° H(m) E(k) D(m) 1 4269 0.61 60° 2 1067 1.85 3 474 1.85 30° 4 266 2.47 5 170 3.09
		5° 0W 878Im	Beam angle 20° Output power 30\ Luminous flux 171	W	(	Beam angle 36° Dutput power 30W Luminous flux 1843Im

### 3inch Adjustable 80-85



w	LM	Optio
3000K-	CRI90	
10W	500	15°
10W	500	24°
10W	500	30°
1.0\//	500	36°



Luminous flux 624Im



Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Inner Ring
ICL05R-P-3	10W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Orthodrome
Nar	row		Medium		w	ide
1	5°		24°		3	6°
	3000K 15°	Ra>90	3000K 24° R	a>90		3000K 36° Ra>90
90 60 8	41 5860	90° H(m) E(lx) D(m 1 4081 0.31 60° 2 1020 0.62 3 453 0.93 30° 4 255 1.24 5 163 1.55	60	90° H(m) E(lx)  1 2617  60° 2 654  3 290  30° 4 163  5 104	0.44 0.88 60 1.33 1.77 30 2.22	90" H(m) E(k) D(m)  1 1608 0.58 60" 2 402 1.16 3 178 1.74 30" 4 100 2.32 5 64 2.90
		15° 10W	Beam angle 24° Output power 10\			Beam angle 36° Output power 10W

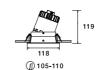
Luminous flux 587lm

Luminous flux 567Im

### 4inch Adjustable 105-110

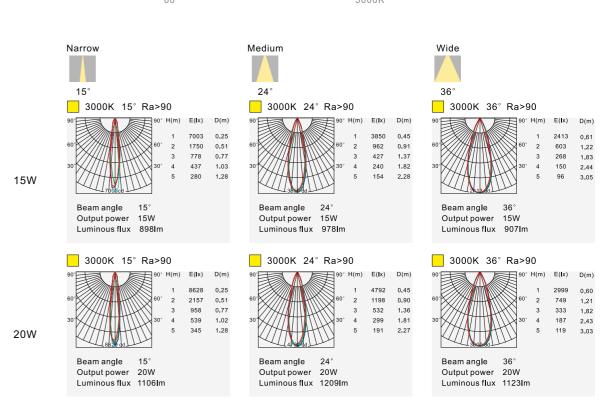


W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°





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



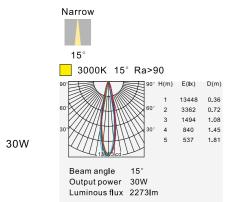
### 4inch Adjustable 105-110

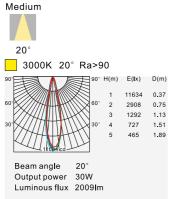


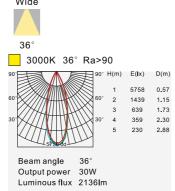
W	LM	Optio
3000K-0	CRI 90	
30W	1500	15°
30W	1500	20°
30W	1500	30°
30W	1500	36°
30W	1500	45°



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







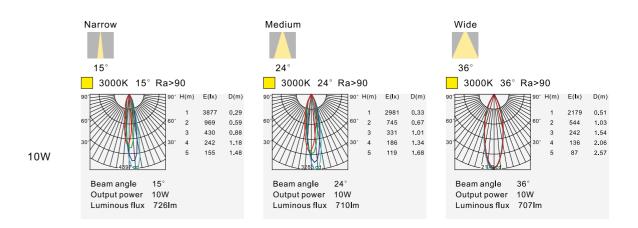
### **3inch Adjustable 80-85**



W	LM	Optio
3000K-0	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° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Silver inner ring Black inner ring



### 4inch Adjustable 105-110

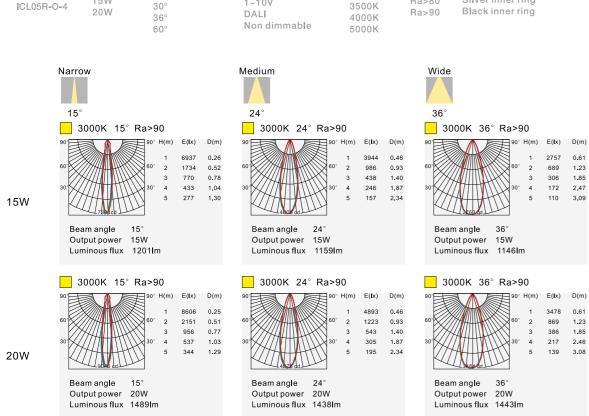


W	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
15W	750	15°	20W	1000	15°
15W	750	24°	20W	1000	24°
15W	750	30°	20W	1000	30°
15W	750	36°	20W	1000	36°
15W	750	60°	20W	1000	60°





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



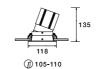
### 4inch Adjustable 105-110



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

Output power 30W

Luminous flux 2221Im





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Inner Ring
ICL05R-O-4	30W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Silver inner ring Black inner ring
N:	arrow		Medium		Wi	de
	15°		20°		30	5°
	3000K 15°	Ra>90	3000K 20° Ra	a>90		3000K 36° Ra>90
30W		90° H(m) E(lx) D(m) 1 13426 0.27 60° 2 3356 0.54 3 1491 0.81 30° 4 839 1.08 5 537 1.35	90 60 30	90° H(m) E(lx)  1 11402 60° 2 2850 3 1266 30° 4 712 5 456	D(m) 90° 0.38 0.76 60° 1.15 1.53 30° 1.92	90° H(m) E(lx)  1 5457 60° 2 1364 3 606 30° 4 341 5 218

Output power 30W

Luminous flux 2081Im

Output power 30W

Luminous flux 2135Im

		1	CL05R				CL05R-				CL05R-				CL05R-	
	10W	1 15W	20W	30W	1 10W I	15W	20W	30W	1 10W 1	15W	20W	30W	1 10W	15W	20W	30V
Optics																
Narrow 15°	•	•	•	•	•	•	•	•	0	•	•	•	•	•	0	•
Medium 20°				•				•				•				
Medium 24°	•	•	0		•	•	•		•	•	•		•	•	•	
✓ Wide 30°	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
✓ Wide 36°	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Flood 45°				•				•				•				•
Flood 60°		•	•			•	•			•	•			•	•	
Colour																
White+Iron gray	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Size																
90mm*100mm	•				•				•				•			
118mm*119mm		•	•			•	•			•	•			•	•	
118mm*135mm				•				•				•				•
Cutout																
30mm <b>-</b> 85mm	•				•				•				•			
105mm-110mm		•	•	•		•	•	•		•	•	•		•	•	•
Flow obviously refers t	0															
2700K Ra>90	•	•	0	•	•	•		•		•	•	•	0	•	0	•
3000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3500K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	۰
4000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	۰
2700K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•		•		•	•	•	•	•	•	•
3500K Ra>80	0	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Function																
Fixed																
Adjustable	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dimming Type																
DALI	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Non dimmab <b>l</b> e	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Inner Ring																
Roundlet	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	۰
Orthodrome	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ellipse	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	۰
Black Inner Ring	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Silver Inner Ring	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•











**Ell**ipse

BlackInner Ring Silver Inner Ring

#### Notes

Roundlet

- 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**

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



### **ICL15 Series Downlight**



#### High-performance Chip

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

### 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

#### Face Ring

There are 4 types of face rings.



High-power LED SDCM<3



Different light distributions



Optischer cut-off 30



Deep anti-dazzle



**Excellent thermal** management



EMC - optimised



DALI dimming



IP 20

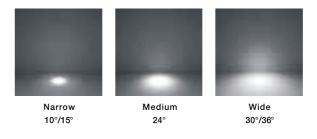
Different dimming



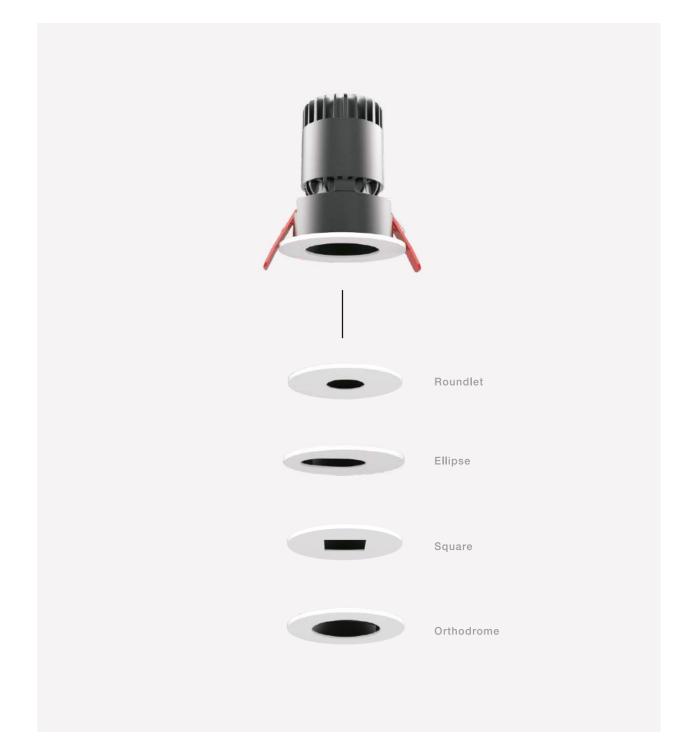


Different color

### Optics



#### Accessory







### 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





Downlights (Fixed)









Downlights (Adjustable) Narrow to wide beam ,rotation- 10W-15W ally symmetrical light distribu- 500Im-750Im tion for accent lighting.

### **3inch Fixed 75**

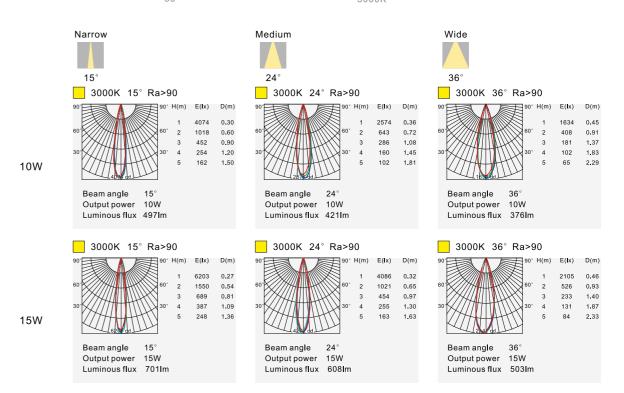


W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			





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



### **3inch Fixed 75**



	LM	Optic	w	LM	Optic
3000K-0	3000K-CRI 90		3000K-0	•	
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°			



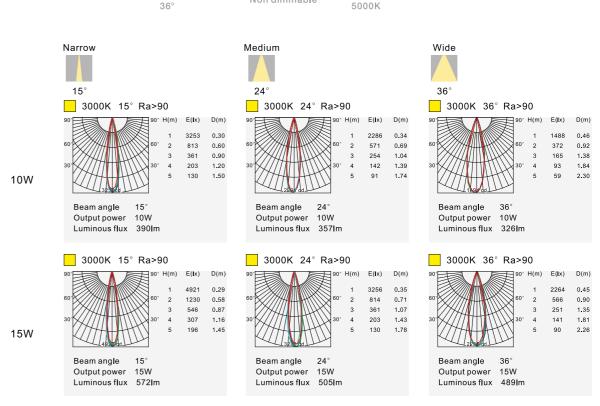
Model	Power	Beam Ang	jle	Dimming Type	ССТ	CRI	F	ace Ring		
ICL15R-E-F	. 10W 15W	10° 15° 24° 30° 36°		TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>	E	llipse		
	Narrow 15°			Medium 24°			Wide 36°			
	3000K 15	° Ra>90		3000K 24° R	a>90		300	0K 36° Ra>90	)	
10W	30 32 714	90° H(m) E(I 1 32° 60° 2 80 3 35° 30° 4 20 5 12	0.30 3 0.61 7 0.92 0 1.23	90 60 30 230 dd	90° H(m) E(Ix) 1 2390 60° 2 597 3 265 30° 4 149 5 95		90° 60° 30°	90° F	1 13 <sup>3</sup> 2 32 3 14 4 82 5 52	14 0.4 8 0.9 6 1.4 2 1.8
	Beam angle Output power Luminous flux	15° 10W 389Im		Beam angle 24 Output power 10 Luminous flux 37	N			angle 36° t power 10W ous flux 310Im		
	3000K 15	° Ra>90		3000K 24° R	a>90		300	0K 36° Ra>90	)	
15W	90 60 30 500Ad	90° H(m) E(I 1 48° 60° 2 12′ 3 53 30° 4 30 5 19	0.26 0.52 4 0.78 0 1.04	90 60 30	90° H(m) E(Ix) 1 3791 80° 2 947 3 421 30° 4 236 5 151	D(m) 0.32 0.64 0.96 1.29 1.61	90"	90° F 60°		97 0.4 9 0.8 4 1.3 7 1.7
	Beam angle Output power Luminous flux	15° 15W 545Im		Beam angle 24 Output power 15 Luminous flux 53	N			angle 36° t power 15W ous flux 493Im		

### **3inch Fixed 75**



W	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-C	RI 90	
10W 10W 10W 10W 10W	500 500 500 500 500	10° 15° 24° 30° 36°	15W 15W 15W 15W	750 750 750 750	15° 24° 30° 36°
	1112	30°			

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



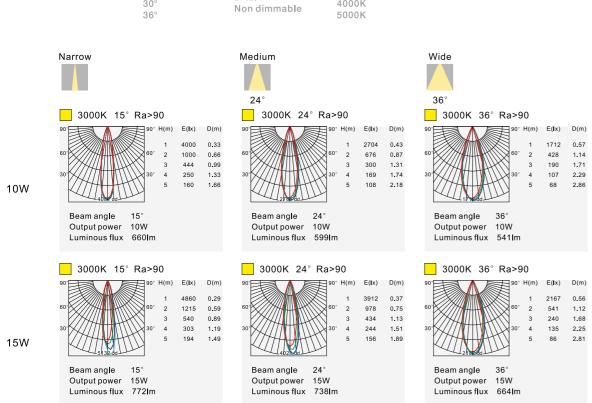
### **3inch Fixed 75**

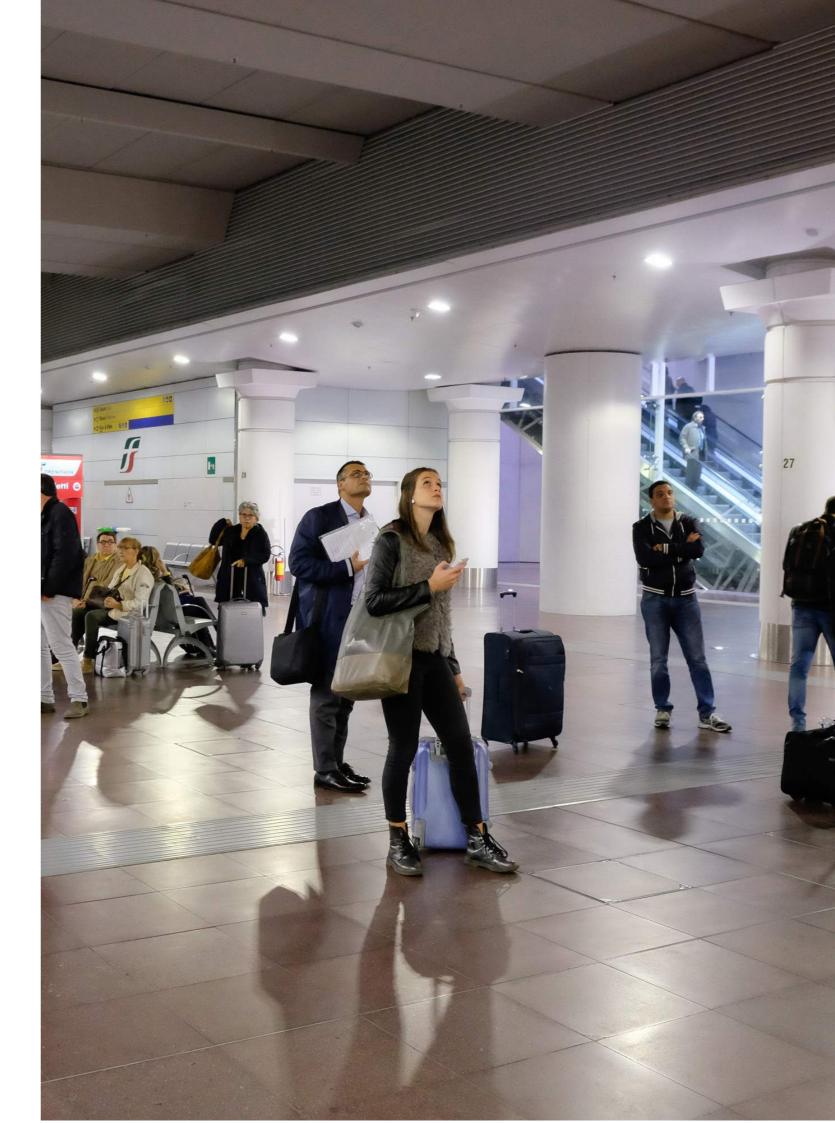


w	LM	Optic	W	LM	Optic	
3000K-CRI 90		3000K-CRI 90				
10W 10W	500 500	10° 15°	15W 15W	750 750	15° 24°	
10W 10W	500 500	24° 30°	15W 15W	750 750	30° 36°	
10W	500	36°				



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





### **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.



High-power LED SDCM<3



Different light distributions



Optischer cut-off 30



Different color temperatures

#### Face Ring

There are 4 types of face rings.

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

#### Cooling System



Excellent thermal management



EMC - optimised

IP level



DALI dimming Different dimming (b)



Tiltable 25°

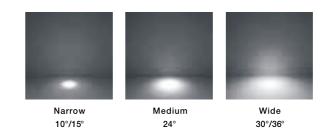




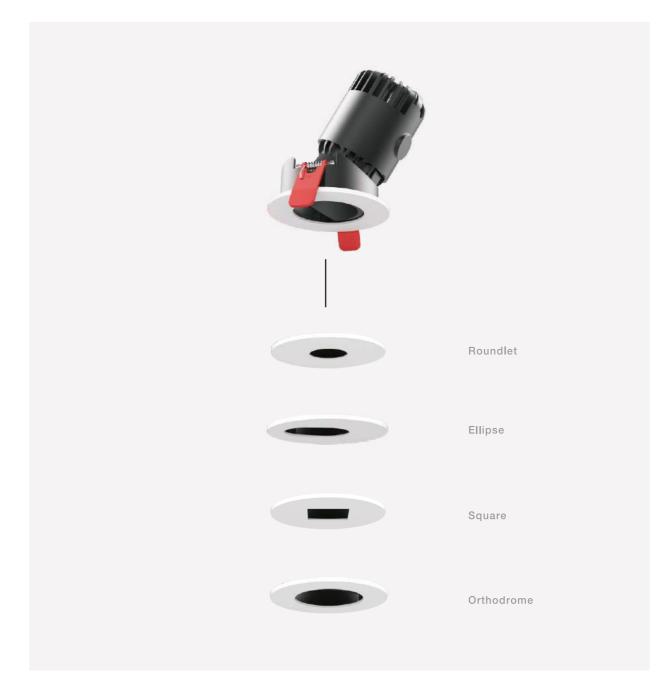
Deep anti-dazzle



Optics



#### Accessory



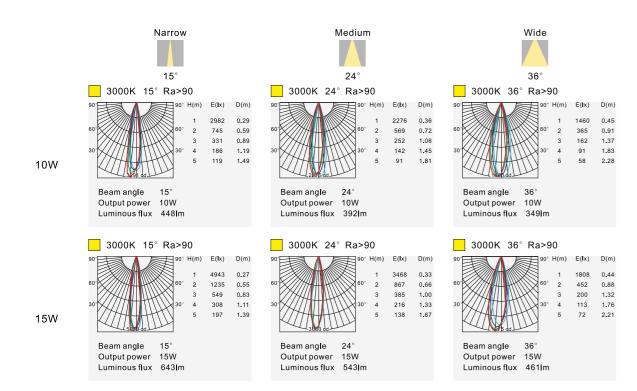
### **3inch Adjustable 75**



w	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	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	ССТ	CRI	Face Ring
ICL15R-S-T	10W 15W	10° 15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Roundlet



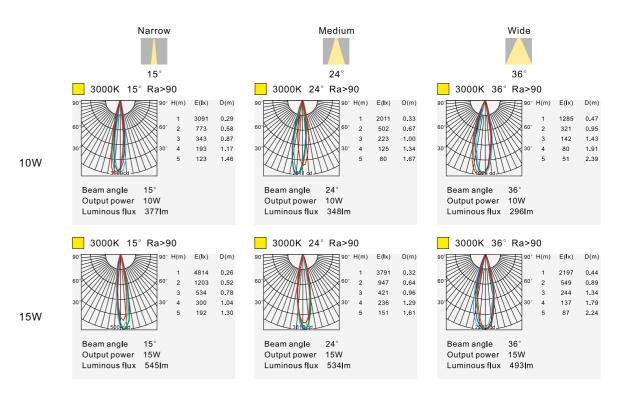
### **3inch Adjustable 75**



w	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	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°
1 0 \ \ \ \ \	500	36°			



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



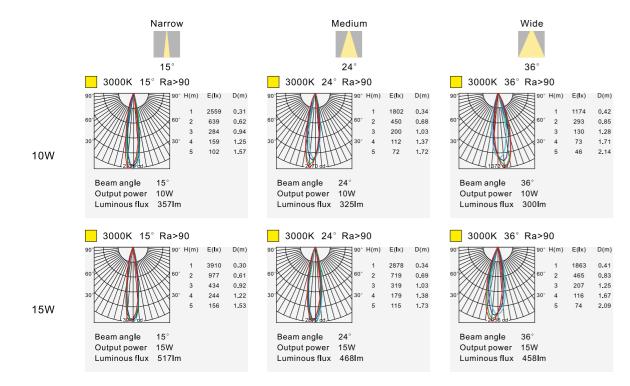
### **3inch Adjustable 75**



w	LM	Optic	w	LM	Optic
3000K-0	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°
1 O W	500	36°			



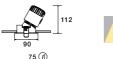
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Face Ring
ICL15R-Q-T	10W 15W	10° 15° 24° 30°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Square



### **3inch Adjustable 75**

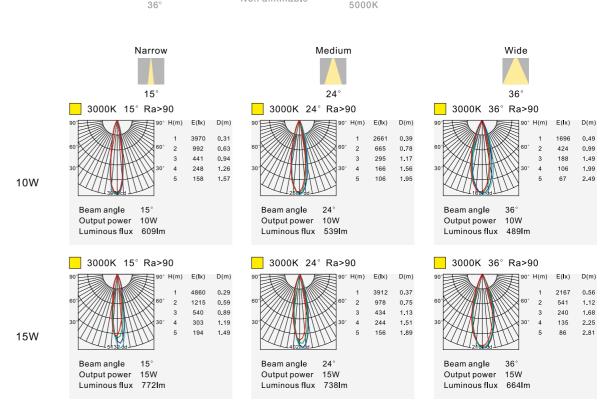


w	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-0	CRI 90	
10W	500	10°	15W	750	15°
10W	500	15°	15W	750	24°
10W	500	24°	15W	750	30°
10W	500	30°	15W	750	36°
10W	500	36°			





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



	ICL 10W	.15R-S 15W	ICL1	5R-E 15W	ICL1	5R <b>-</b> Q 15W	ICL <sup>-</sup>	15R-O 15W
Optics			-					
Narrow 10°	•		•		•		•	
Narrow 15°	•	•	•	•	•	•	•	•
Medium 24°	•	•	•	•	•	•	•	•
Wide 30°	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	•	•	•	•
Colour White+Iron gray	•	•	•	•	•	•	•	•
Size								
90mm*112mm	•	•	•	•	•	•	•	•
Cutout								
75mm	•	•	•	•	•	•	•	•
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	•	•	•	•	•	•	•	•
Face Ring								
Roundlet	•	•						
Ellipse			•	•				
Square					•	•		
Orthodrome							•	•
Face Ring								
				_				
Roundlet	Elli	pse		Square		0	rthodrome	

- 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



Excellent thermal management



EMC - optimised

Different dimming

Different sizes



DALI dimming





IP level







(D)

#### Optics



Medium





Narrow 15°

20° /24°

30° /36°

Flood

45° /60°



15W/20W





8W/10W









30W

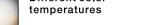


Accentuation Meet the demand of accent lighting and spatial lighting for the



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

LED 8W-30W 520lm-1950lm





Deep anti-dazzle



### 3inch Fixed 80-85

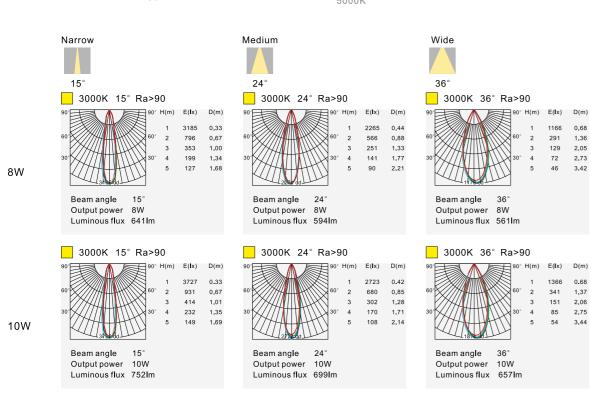


w	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-0	CRI 90	
8W	520	15°	10W	650	15°
8W	520	24°	10W	650	24°
8W	520	30°	10W	650	30°
8W	520	36°	10W	650	36°





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



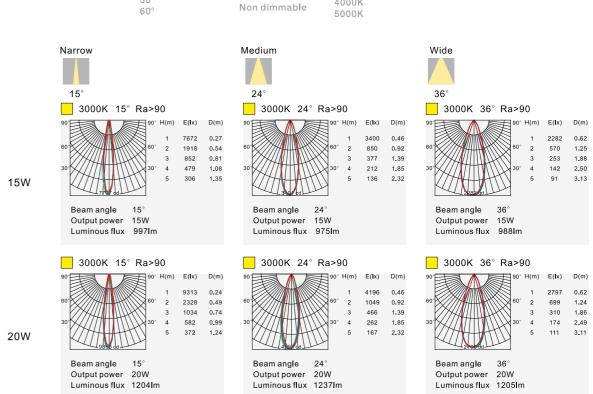
### 4inch Fixed 105-110



w	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
15W 15W	975 975	15° 24°	20W 20W	1300 1300	15° 24°
15W 15W	975 975	30° 36°	20W 20W	1300 1300	30° 36°
15W	975	60°	20W	1300	60°



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



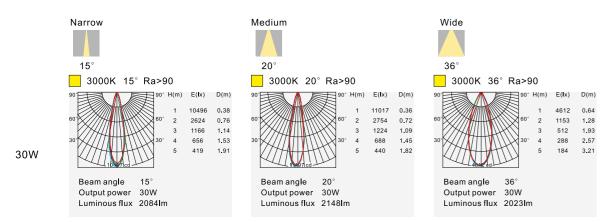
### 4inch Fixed 105-110



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



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



### **ICL06 Series Adjustable**



#### 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.

#### Adjusting Shaft Design

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



High-power LED SDCM<3



Different light distributions



Tiltable 30°



Different sizes



DALI

Φ

Excellent thermal management



Different color

temperatures



Different dimming

EMC - optimised



IP level



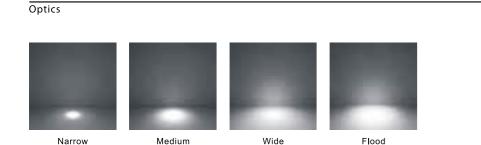
IP 20

 $\bigvee\bigvee\bigvee$ 

(D)

Deep anti-dazzle

### **3inch Adjustable 80-85**



30° /36°

20° /24°

15°



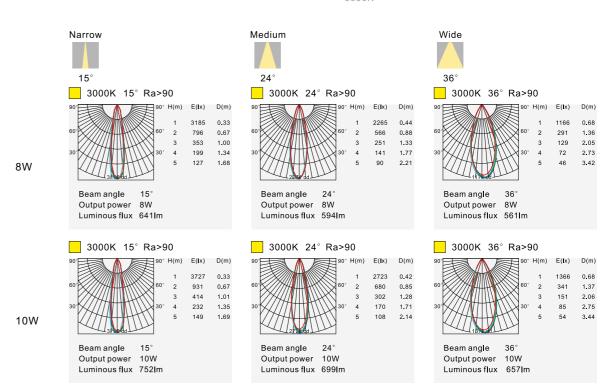
45° /60°



W	LM	Optic	W	LM	Optic
3000K-CRI 90			3000K-0	CRI90	
8W	520	15°	10W	650	15°
8W 8W	520 520	24° 30°	10W 10W	650 650	24° 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	Ra>80 Ra>90



### 4inch Adjustable 105-110



w	LM	Optic	w	LM	Optio
3000K-C	RI 90		3000K-C	RI 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°





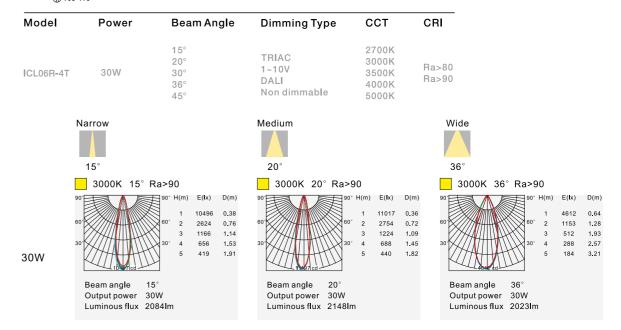
Model	Power	Beam Ang	gle	Dimming Type	ССТ	CI	RI		
ICL06R-4T	15W 20W	15° 24° 30° 36° 60°		TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra Ra	a>80 a>90		
	Narrow			Medium			Wide		
	15°			24°			36°		
	3000K 15°			3000K 24° R			3000K 36° Ra>		
15W	90 60 30	90° H(m) E(lx 1 767 60° 2 191 3 852 30° 4 475 5 306	2 0.27 3 0.54 0.81 1.08	90 60 30	1 3 60° 2 3 30° 4	E(Ix) D(m) 3400 0.46 850 0.92 377 1.39 212 1.85 136 2.32	90 60 30 30 30	1 2 9° 2 9° 3 2° 4	E(Ix) D( 1282 0. 570 1. 253 1. 142 2. 91 3.
	Beam angle Output power Luminous flux	15° 15W 997 <b>I</b> m		Beam angle 24 Output power 15 Luminous flux 97	W		Beam angle 36° Output power 15W Luminous flux 988In	n	
	3000K 15°	Ra>90		3000K 24° R	a>90		3000K 36° Ra>	90	
20W	90 60 30 98% dd	90° H(m) E(lx 1 931 60° 2 232 3 103 30° 4 582 5 372	3 0.24 3 0.49 4 0.74 0.99	90 60 30	90° H(m) E 1 4 60° 2 1 3 3 30° 4	E(Ix) D(m) 4196 0.46 1049 0.92 466 1.39 262 1.85 167 2.32	_	1 2 1 2 3 3 1 4	E( <b>i</b> x) D( 2797 0. 699 1. 310 1. 174 2.
	Beam angle Output power Luminous flux	15° 20W 1204lm		Beam angle 24 Output power 20 Luminous flux 12	W		Beam angle 36° Output power 20W Luminous flux 1205I	m	

### 4inch Adjustable 105-110



LM	Opti	
RI 90		
1950 1950	15° 20° 30°	
1950 1950	36° 45°	
	1950 1950 1950 1950 1950	





	ICL06R-3		ICL06R-4		
	8W	10W	15W	30W	
				20W	
Optics			-		
Narrow 15°	•	•	•	•	•
Medium 20°					•
Medium 24°  Wide 30°	•	•	•	•	
- Wide 50	•	•	•	•	•
Wide 50	•	•	•	•	•
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	•	•	•	•	•

### **ICL07 Series Downlights**

Meet your diversified demand and your indoor lighting design styles.



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

### **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 lampelegdy, 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



Different light distributions



Optischer cut-off 30





Different color temperatures



DALI

Excellent thermal management



Ó

EMC - optimised

Different dimming





Different sizes

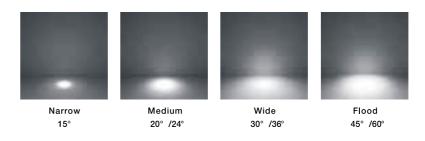




IP 20

Deep anti-dazzle

#### Optics

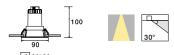




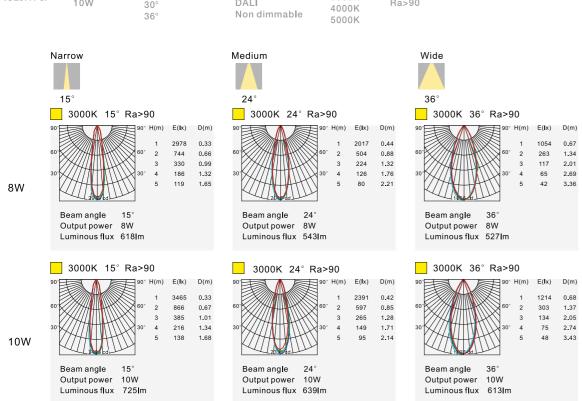
### 3inch Fixed 80\*80



W	LM	Optic	W	LM	Optic
3000K-	CRI90		3000K-0	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°



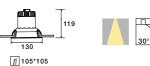
Model	Power	Beam Angle	Dimming Type	CCT	CRI
ICL07R-3F	8W 10W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90



### 4inch Fixed 105\*105



W	LM	Optic	w	LM	Optic
3000K-CRI 90			3000K-0	CRI90	
15W 15W 15W 15W 15W	975 975 975 975 975	15° 24° 30° 36° 60°	20W 20W 20W 20W 20W	1300 1300 1300 1300 1300	15° 24° 30° 36° 60°



Output power 20W

Luminous flux 1302Im

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	<del>_</del>
ICL07R-4F	. 15W 20W	15° 24° 30° 36° 60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	
	Narrow		Medium			Wide
	15°		24°			36°
	3000K 15° R		3000K 24° R			3000K 36° Ra>90
15W	90 60 30 7270 dd	90° H(m) E(h) D(m) 1 7269 0.24 60° 2 1817 0.49 3 807 0.73 30° 4 454 0.98 5 290 1.23	90 60 30	90° H(m) E(lx)  1 4415 60° 2 1103 3 490 30° 4 275 5 176	0.44 0.88 1.32	90° H(m) E(lx) D(m) 1 2661 0.63 60° 2 665 1.27 3 295 1.190 30° 4 166 2.54 5 106 3.17
	Beam angle 15 Output power 15 Luminous flux 12	N	Beam angle 24 Output power 15 Luminous flux 12	W		Beam angle 36° Output power 15W Luminous flux 1190Im
	3000K 15° R	a>90	3000K 24° R	a>90		3000K 36° Ra>90
20W	90	90° H(m) E(ix) D(m)  1 10123 0.24  60° 2 2530 0.49  3 1124 0.74  30° 4 632 0.99  5 404 1.24	90	90° H(m) E(lx) 1 4489 60° 2 1122 3 498 30° 4 280 5 179	1.38	90° H(m) E(lx) D(m) 60° 2 644 1.36 30° 4 161 2.72 5 103 3.40
	Beam angle 15		Beam angle 24	0		Beam angle 36°

Output power 20W

Luminous flux 1306Im

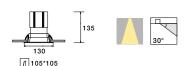
Output power 20W

Luminous flux 1277Im

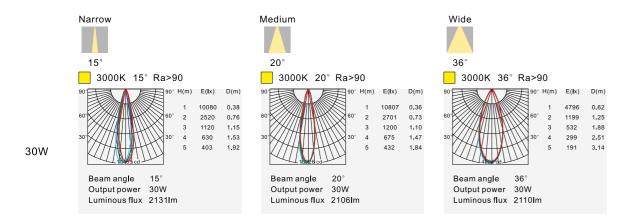
### 4inch Fixed 105\*105



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	ССТ	CRI
ICL07R-4F	30W	15° 20° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90



### **ICL07 Series Adjustable**



#### 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.

#### Adjusting Shaft Design

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



High-power LED SDCM<3



Different light distributions



Tiltable 30°



Different sizes



Excellent thermal management



DALI dimming





Optischer cut-off 30°



Different color temperatures



EMC - optimised



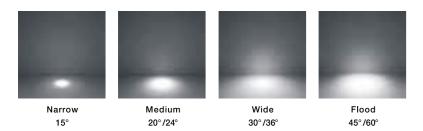
Different dimming

IP level



Deep anti-dazzle

#### Optics





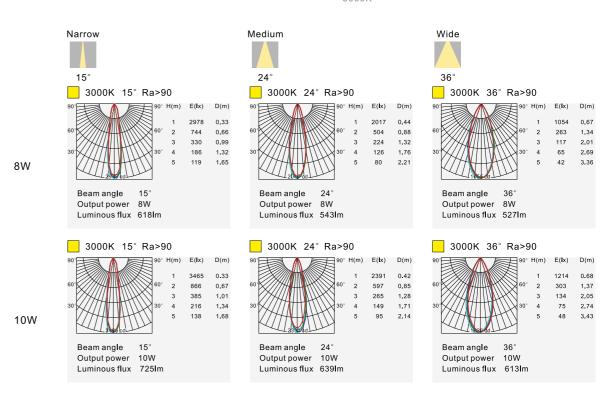
### 3inch Adjustable 80\*80



w	LM	Optic	W	LM	Optic
3000K-	CRI 90	·	3000K-0	CRI 90	·
8W 8W 8W	520 520 520 520	15° 24° 30° 36°	10W 10W 10W 10W	650 650 650	15° 24° 30° 36°



Model	Power	Beam Angle	Dimming Type	ССТ	CRI
ICL07R-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\*105



w	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-C	RI 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° 24° 30° 36° 60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90
	Narrow 15°		Medium 24°		Wide 36°
	3000K 15°	Ra>90	3000K 24° Ra>90	0	3000K 36° Ra>90
15W	Beam angle	90° H(m) E(lx) D(m)  1 7269 0.24  60° 2 1817 0.49  3 807 0.73  30° 4 454 0.98  5 290 1.23	Beam angle 24° Output power 15W Luminous flux 1213lm	1 4415 0.4 2 1103 0.8 3 490 1.3 4 275 1.7 5 176 2.2	90 90 H(m) E(lx) D(m 14 14 16 60° 2 665 1.2 30° 4 166 2.5
	2000K 45°	Day 00	2000K 24° Dec 0	0	2000K 26° Ba>00
20W	•	90° H(m) E(k) D(m)  1 10123 0.24  60° 2 2530 0.49  3 1124 0.74  30° 4 632 0.99  5 404 1.24	3000K 24° Ra>90  90  90  90  90  90  90  90  90  90		1 2578 0.6 12 60° 2 644 1.3 18 3 286 2.0 14 30° 4 161 2.7

### 4inch Adjustable 105\*105



W	LM	Optic	
3000K-C	RI 90		
30W 30W 30W 30W 30W	1950 1950 1950 1950 1950	15° 20° 30° 36° 45°	
<del></del>	135		30°

105\*105

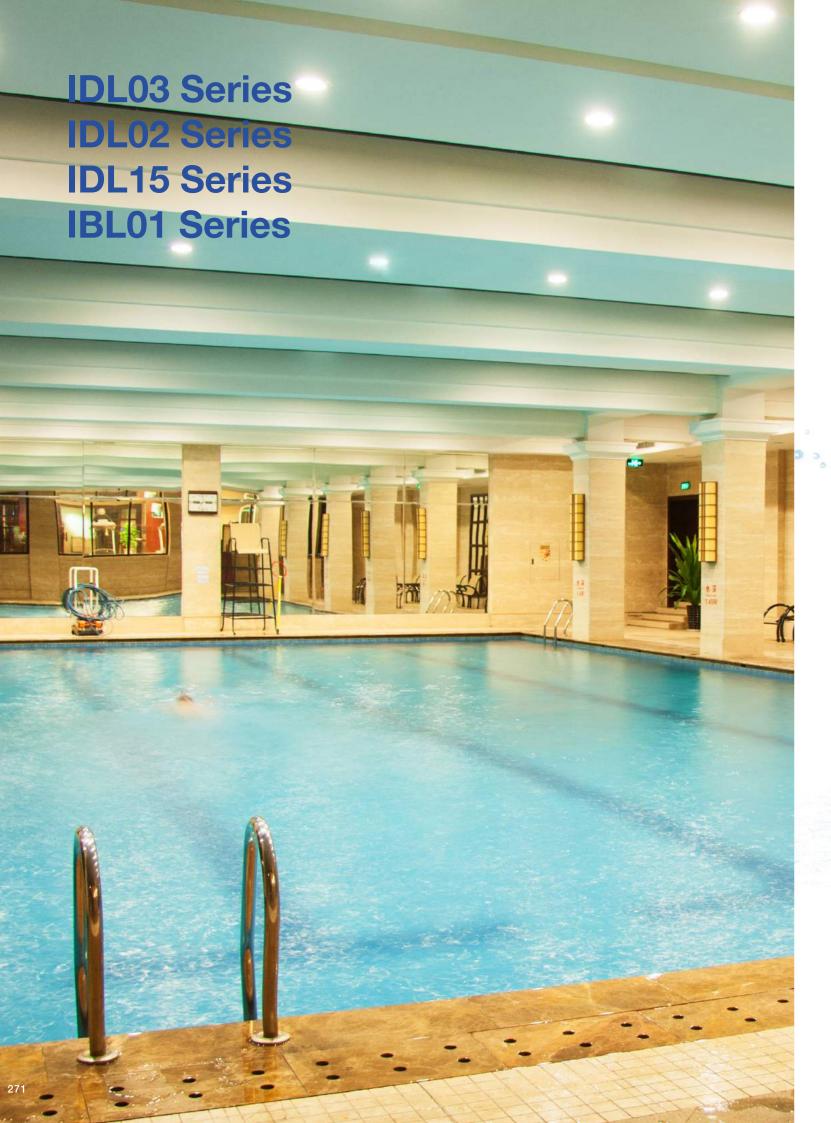
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	
ICL07R-4T	30W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	
	Narrow		Medium		Wide	
	15°		20°		36°	
	3000K 15°	Ra>90	3000K 20° Ra>	<b>9</b> 0	3000K 36° Ra>90	
30W	30	90° H(m) E(lx) D(m)  1 10080 0.38  60° 2 2520 0.76 3 1120 1.15 30° 4 630 1.53 5 403 1.92	60	1 10807 ( 0° 2 2701 ( 3 1200 1 0° 4 675 1	0.00 90° H(m) E(lx) 0.36 0.73 60° 2 1199 1.10 3 532 1.47 30° 4 299 1.84	D(m) 0.62 1.25 1.88 2.51 3.14
	•	5° 0W 131Im	Beam angle 20° Output power 30W Luminous flux 2106	lm	Beam angle 36° Output power 30W Luminous flux 2110Im	

	ICL	07R <b>-</b> 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



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



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

#### Various cutout sizes

Different cutout sizes for options, to meet different needs.

#### Anti-glare

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

#### 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<3



Optischer cut-off 30



Different color temperatures



**Excellent thermal** management



IP level



Q

DALI

DALI dimming



Different sizes





Different dimming

EMC - optimised

#### Optics







30°/35°

45°/60°

Wide Flood 75°/80°/85°/90°

#### COB IP65



#### SMD IP65



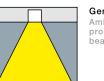
#### Lens IP20





#### General lighting

Ambient lighting produced by wide beam light distribution



### General lighting

Ambient lighting produced by wide beam light distribution



General lighting Ambient lighting produced by wide beam light distribution





### lighting.

lighting.

Downlight (IP65)



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

Rotationally symmetrical or axially symmetrical wide beam

light distribution for general

LED

LED

9W-50W 855lm-4750lm

9W-50W 855lm-4750lm

9W-50W 855lm-4750lm



Downlight (IP20)



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



**IDL03-R Series IP65** 

W	LM	Optic
3000K-	CRI 80	
9W	855	60°

3inch 90





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

## 3000K 60° B3280



3000K 60	) Ra	80		
90	# °	0° H(m)	E(Ix)	D(m)
		1	929	0.98
60 1	<b>X</b> 61	0° 2	232	1.96
Y/XXAU///\\\\\		3	103	2.94
30*	] ] 31	0° 4	58	3.92
		5	37	4.90
Beam angle	60°			
Output power	9W			
Luminous flux	1033	lm		
	Beam angle Output power	Beam angle 60° Output power 9W	Beam angle 60° Output power 9W	90° H(m) E(lx)  1 929 60° 2 232 3 103 30° 4 58 5 37  Beam angle 60° Output power 9W

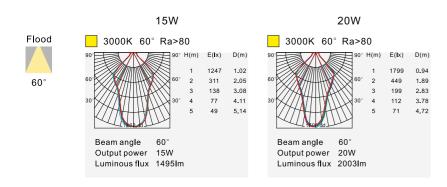
9W

### IDL03-R Series 4inch 125-135



W	LM	Optic	
3000K-0	CRI 80		
15W 20W	1425 1900	60° 60°	
144	71	30° IP	65
① 125-			

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

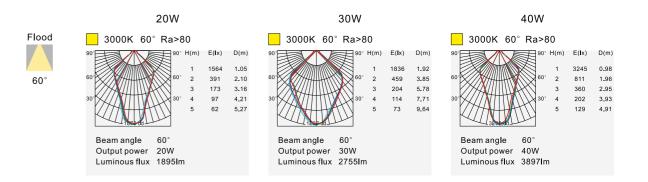


# **IDL03-R Series IP65 6inch 160-175**



W	LM	Optic
3000K-0	CRI 80	
20W 30W 40W	1900 2850 3800	60° 60° 60°
	83	30° IP 65

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



### **IDL03-R Series** 8inch 200-215

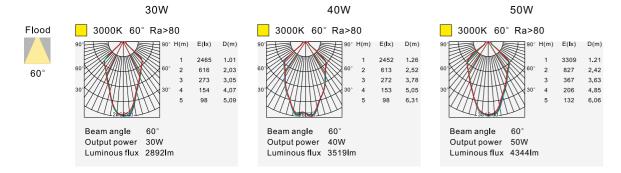


W	LM	Optic
3000K-	CRI80	
30W	2850	60°
40W	3800	60°
50W	4750	60°





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



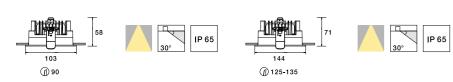
	9W	<b>I</b> DL03-R-3	20W	<b>I</b> DL0	03-R-4 30W	<b>I</b> DL(	03-R-6 30W	<b>I</b> DL 40W	03-R-8 50W
Optics									
Flood 60°	•	•	•	•	•	•	•	•	•
Colour									
White+Iron gray	•	•	•	•	•	•	•	•	•
Size									
103mm*58mm	•								
144mm*71mm		•	•						
183mm*80mm				•	•	•			
226mm*96mm							•	•	•
Cutout									
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									•

<sup>-</sup> 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

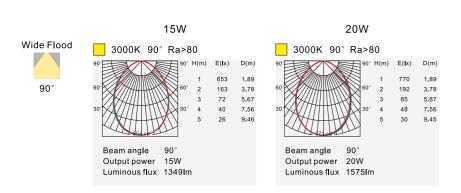


w	LM	Optic	w	LM	Optic		
3000K-	CRI 80	•	3000K-CRI 80				
9W	855	90°	15W 20W	1425 1900	90° 90°		



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

# 9W Wide Flood 3000K 90° Ra>80 90° H(m) E(lx) D(m) 1 392 1.78 60° 2 98 3.56 3 43 5.35 30° 4 24 7.13 5 15 8.91 Beam angle 90° Output power 9W Luminous flux 762Im



### IDL03-D IP65 Series 6inch 160-175 / 8inch 200-215

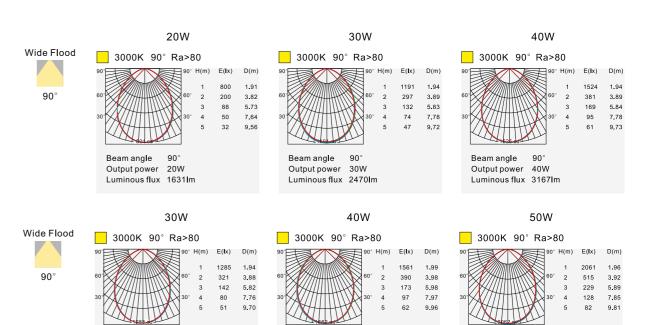


w	LM	Optic	W	LM	Optic	
3000K-C	RI 80		3000K=0	CRI 80		
20W 30W 40W	1900 2850 3800 80 80	90° 90° 90°	30W 40W 50W		30° 90° 90°	IP

Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL03-D-6	20W 30W 40W	222	TRIAC	2700K 3000K 3500K	Ra>80
IDL03-D-8	30W 40W 50W	90°	DALI Non dimmable	4000K 5000K 6500K	Ra>90

Output power 30W

Luminous flux 2690lm



Output power 40W

Luminous flux 3337Im

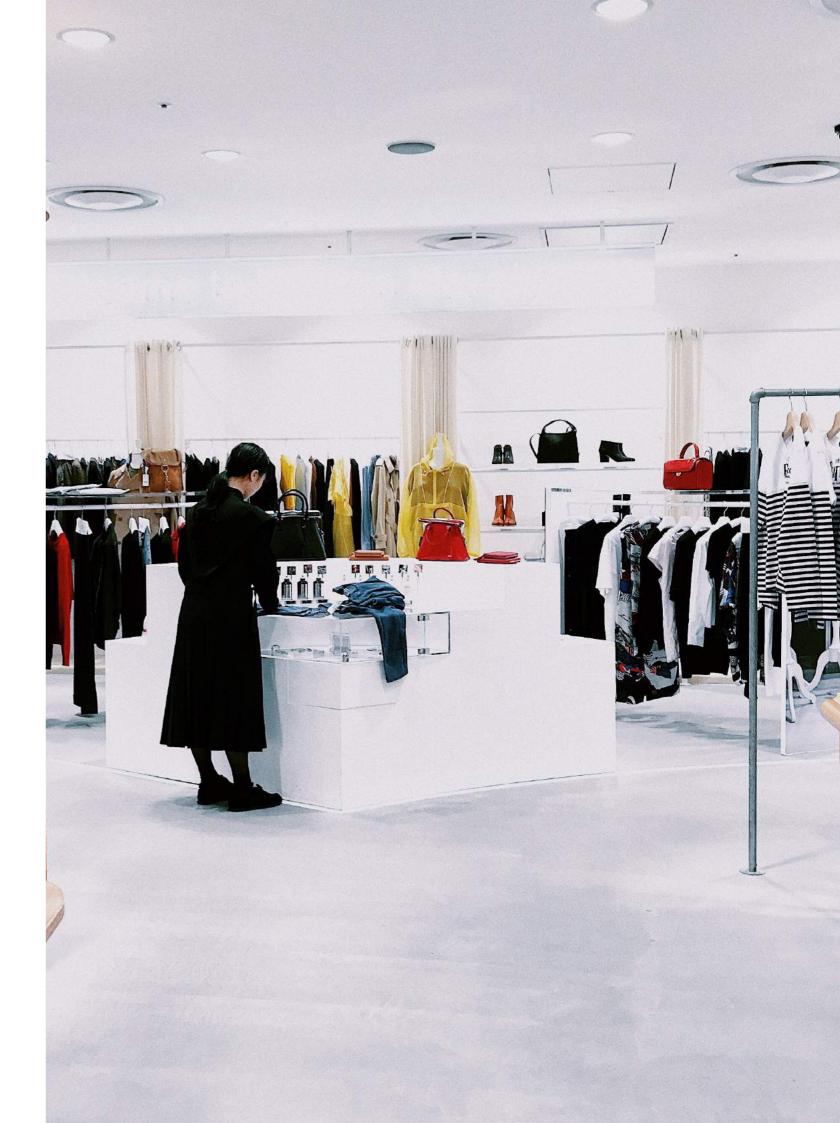
Output power 50W

Luminous flux 4363lm

	IDL03-D-3	IDL	03-D-4	IDL03-D-6			IDL03-D-8		
	9W	15W	20W	20W	30W	40W	30W	40W	50W
Optics Wide Flood 90°	•	•	•	•	•	•	•	•	•
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

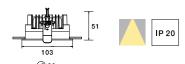
- Different wattages can be provided upon request - Customization for non-standard solutions in terms of light source, color, length and other specifications.



### IDL03-L2 Series IP20 3inch 90



W	LM	Optic
3000K-	CRI 80	
9W	855	30°
9W	855	45°
0147	0.5.5	750

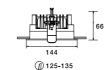


Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
IDL03-L2-3	9W	30° 45° 75°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K 6500K	Ra>80 Ra>90	Highly specular aluminium Gold
		Wide	٧	Vide		Flood
	_	30°	_	45°	_	75°
	3000K 30	0° Ra>80	3000K 45°	Ra>80	D(m) 9	3000K 75° Ra>80
	90 60 30	1 2501 0. 60° 2 625 0. 30° 4 156 1. 5 100 2.	40 80 60 60 30	1 929 60° 2 232 3 103 30° 4 58 5 37	0.98 1.96 2.94	90° H(m) E(lx) D  1 812 1  60° 2 203 2  3 90° 4  30° 4 50° 5  5 32 6
	Beam angle Output power Luminous flux		•	15° 9W 033Im		Beam angle 75° Output power 9W Luminous flux 834Im

### IDL03-L2 Series IP20 4inch 125-135

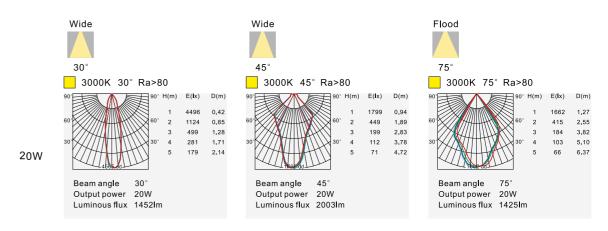


w	LM	Optic	W	LM	Optic			
3000K-CRI 80			3000K-CRI 80					
15W	1425	30°	20W	1900	30°			
15W	1425	45°	20W	1900	45°			
15W	1425	75°	20W	1900	75°			





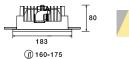
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
IDL03-L2-4	15W 20W	30° 45° 75°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold



# **IDL03-L2 Series IP20** 6inch 160-175

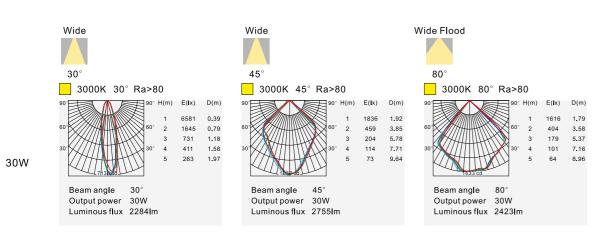


w	LM	Optic	w	LM	Optic	w	LM	Optic	
3000K-	CRI 80		3000K-	CRI 80		3000K-	CRI 80		
20W	1900	30°	30W	2850	30°	40W	3800	30°	
20W	1900	45°	30W	2850	45°	40W	3800	45°	
20W	1900	80°	30W	2850	80°	40W	3800	80°	





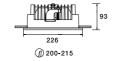
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Relector
IDL03-L2-6	20W 30W 40W	30° 45° 80°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K 6500K	Ra>80 Ra>90	Highly specular aluminium Gold



## **IDL03-L2 Series IP20** 8inch 200-215

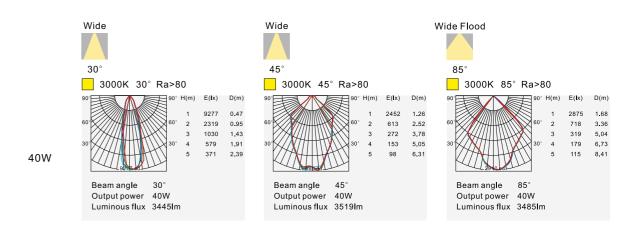


W	LM	Optic	w	LM	Optic	w	LM	Optic
3000K-0	CRI 80		3000K-0	CRI 80		3000K-0	CRI 80	
30W	2850	30°	40W	3800	35°	50W	4750	35°
30W	2850	45°	40W	3800	45°	50W	4750	45°
30W	2850	80°	40W	3800	85°	50W	4750	85°





Model	Power	Beam Angle	Dimming Type	CCT	CRI	Relector
IDL03-L2-8	30W 40W 50W	30° 35° 45° 80° 85°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	Highly specular aluminium Gold



	IDL03-L2-3 9W	<b>I</b> DL0	03-L2-4 20W	20W	IDL03-L2-6 30W	40W	30W	IDL03-L2-8 40W	50W
Ontion	<u> </u>		-						
Optics Wide 30°									
Wide 35°									
Flood 45°									
Wide Flood 75°		•	•						
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									
Dimming Type DALI									
TRIAC		•				•			
1-10V		•		•	•	•	•		
Non dimmable	•	•		•	•	•			
		-		-		9			
Reflector surface finishes									
Highly specular aluminium	•	•	•	•	•	•	•	•	•
Gold (customize)	•	•	•	•	•	•	•	•	•

### Reflector surface finishes



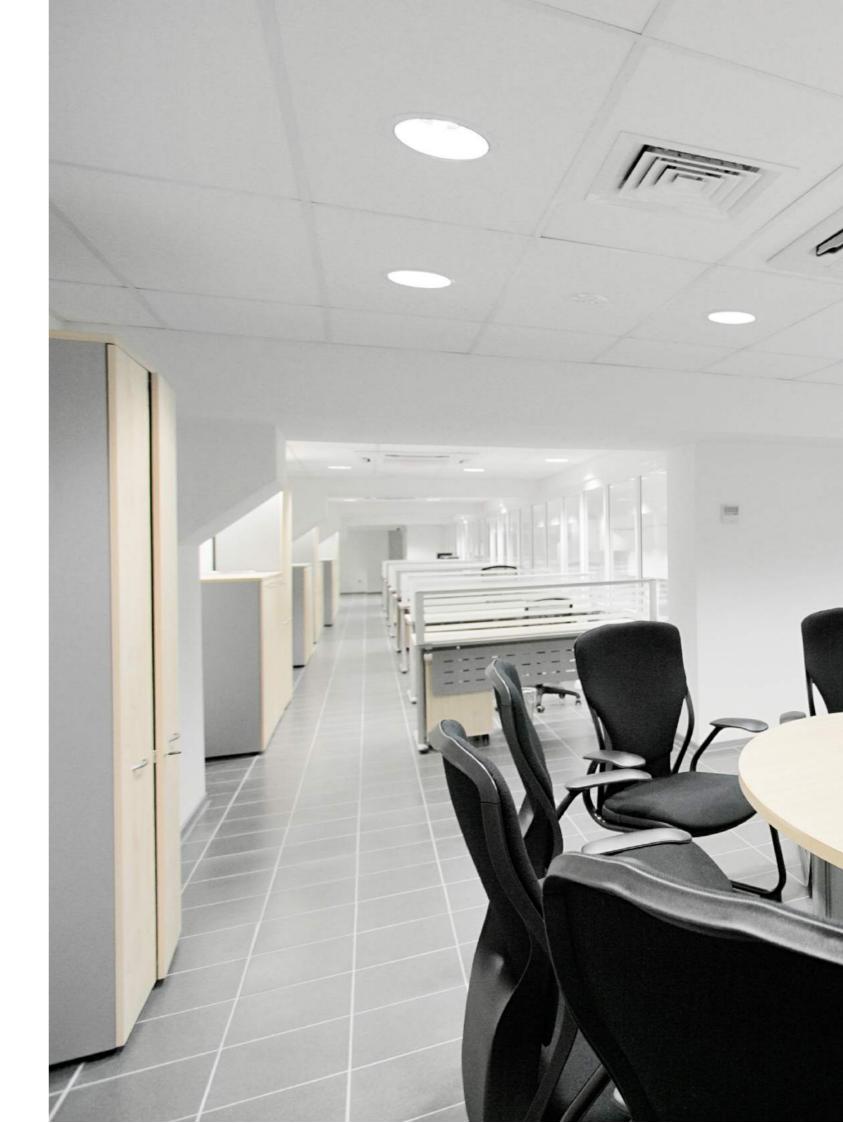


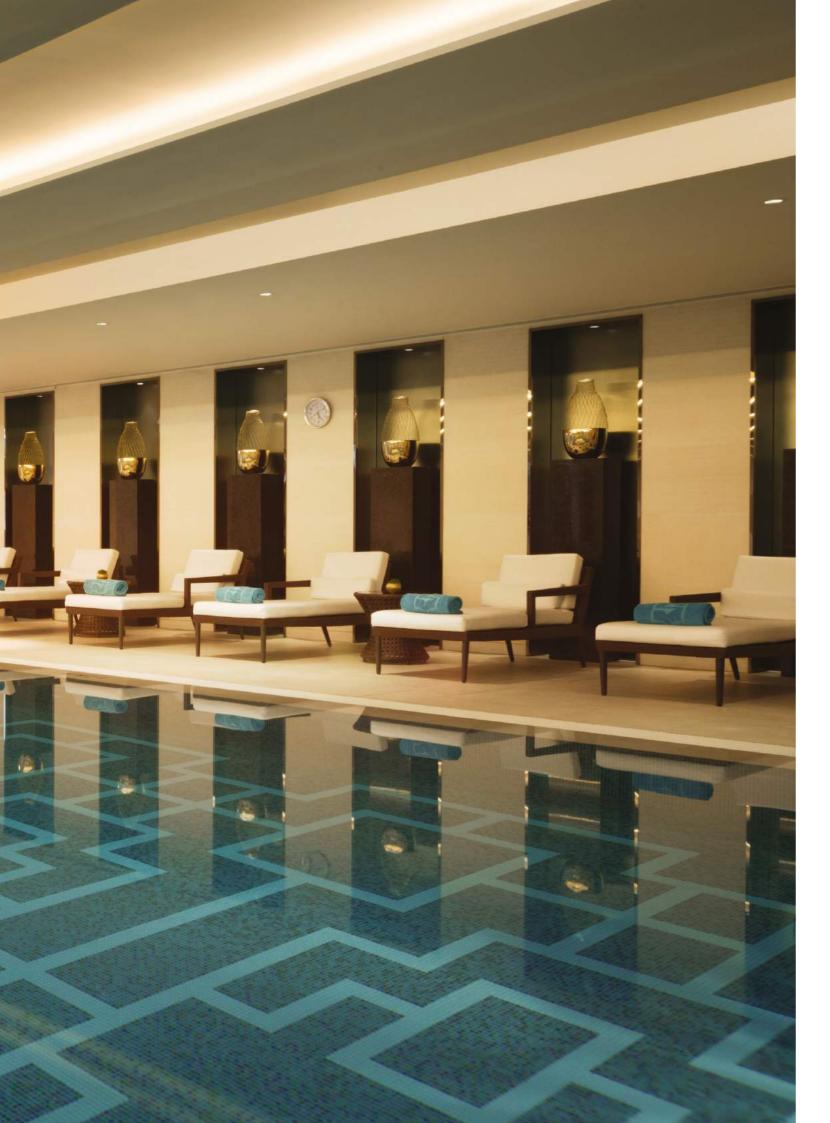
Highly specular aluminium

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.





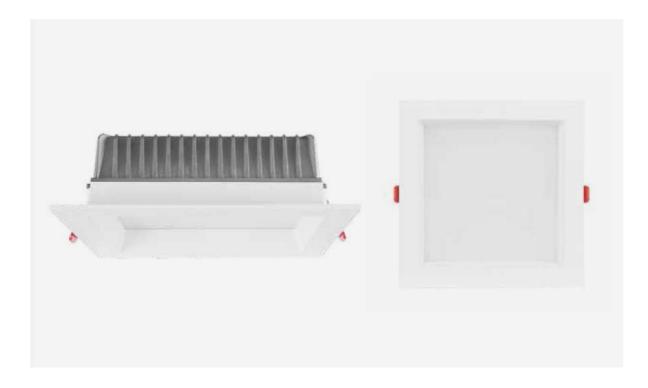
# **IDL02 Series Downlights**

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 lig hting 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

### Various cutout sizes

Different cutout sizes for options, to meet different needs.

### 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

### Anti-glare

Anti-glare designed lamp body

## Easy installation

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



High-power LED SDCM<5



**Excellent thermal** management

Different dimming



EMC - optimised

IP level



DALI dimming





(b)

Different color temperatures



### Optics



Wide Flood

2W/15W



5W/25W/30W

25W/30W/35W

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



W L	M Opt	ic	W	LM	Optic
3000K-CRI 80			3000K-C	RI 80	
	020 90 275 90		15W 25W 30W	1275 2125 2550	90° 90°
145 1 125*125	45	30°	199	0	30°
Model	Power	Beam Angle	Dimming Ty	/pe CCT	CRI
IDL02-4 IDL02-6	12W 15W 15W 25W 30W	90	TRIAC 1~10V DALI Non dimmab	2700K 3000K 3500K 4000K 1e 5000K	Ra>80 Ra>90
Wide F <b>l</b> ood		12W		15W	
90°	3000K 9		2.29 4.58 6.87 9.16 11.45  Bear Outp	mangle 90° nous flux 1322	* H(m) E(lx) D(i 1 560 2.: * 2 140 4.: 3 62 6.: * 4 35 9.: 5 22 11.
Wide Flood		15W		25W	,

1 486 2.26 2 121 4.53 3 54 6.79 4 30 9.06 5 19 11.32

Output power 15W

Luminous flux 1136lm

# **IDL02 Series** 8inch 200\*200



W	LM	Optic
3000K-CF	180	
25W 30W 35W	2125 2550 2975	90° 90° 90°

Model	Power	Beam Angle	Dimn	ning Type	ССТ	CRI		
IDL02-8		90°	TRIA( 1~10\ DALI Non d		3000K 3500K 4000K 5000K	Ra>80 Ra>90		
Wide Flood	25W	90° Ra>80		30W 90°	Ra\80		35W 80° Ra>80	
90°	90° 60°	90° H(m) E(Ix) 1 385 60° 2 96 3 42 30° 4 24 5 15	D(m) 2.12 4.24 6.36 8.49 10.61	90'	90° H(m) 1 60° 2 3 30° 4 5	E(lx) D(m)  1045 2.39 261 4.79 116 7.18 65 9.58 41 11.97		01 52 .54
	Beam angle Output pow Luminous fl	er 25W		Beam angle Output power Luminous flux	90° 30W 2573Im		Beam angle 90° Output power 35W Luminous flux 3213Im	

224 225

30W

550 3.29 309 4.39 77 8.78 61 9.88 34 13.17

3000K 90° Ra>80

Output power 30W

Luminous flux 2798lm

1 874 2.30 60° 2 218 4.61 3 97 6.92 30° 4 54 9.22 5 34 11.53

Output power 25W

Luminous flux 2101lm

	IDLO	02-4		IDL02-6			IDL02-8	
	12W	15W	15W	25W	30W	25W	30W	35W
		1011		2011		2011	3311	0011
Optics								
│ Wide Flood 90°	•	•	•	•	•	•	•	•
Colour								
White+Iron gray	•	•	•	•	•	•	•	•
Size								
145mm*145mm*45mm	•	•						
190mm*190mm*58mm			•	•	•			
230mm*230mm*62mm						•	•	•
Cutout								
125mm*125mm	•	•						
165mm*165mm			•	•				
200mm*200mm						•	•	•
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	•	•	•	•	•	•	•	
1-10 <b>V</b>	•	•	•	•		•	•	•
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.

## **IDL15 Series**

Slim Round Downlight with 3 High Features: High efficency, 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

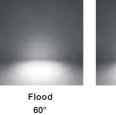


EMC - optimised



IP level

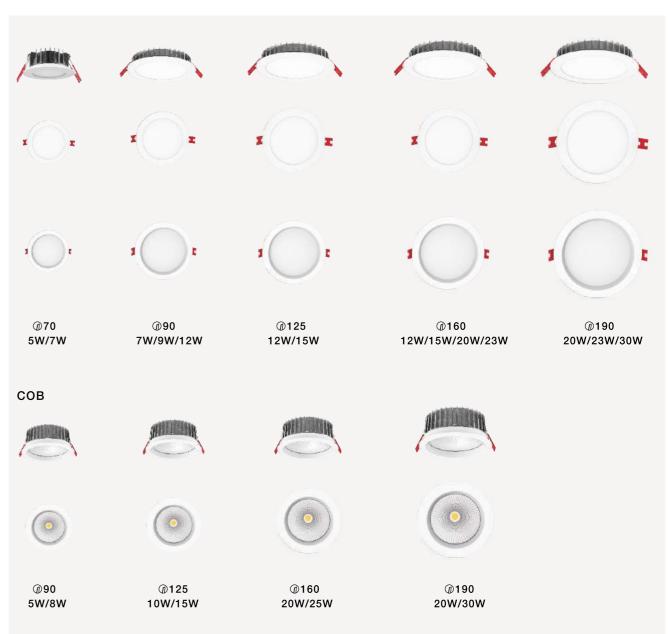
### Optics





Wide Flood

### SMD





## General lighting

Ambient lighting produced by wide beam light distribution





### Downlight

Rotationally symmetrical or axially symmetrical wide beam destribution for general 425lm-2550lm lighting.

## LED 5W-30W



## General lighting

Ambient lighting produced by wide beam light distribution





Rotationally symmetrical or axially symmetrical wide beam 425lm-2550lm light distribution for general lighting.

## LED

5W-30W



General lighting

produced by wide beam light distribution





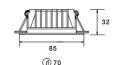
Rotationally symmetrical or axially symmetrical wide beam 425Im-2550Im light distribution for general lighting.

5W-30W

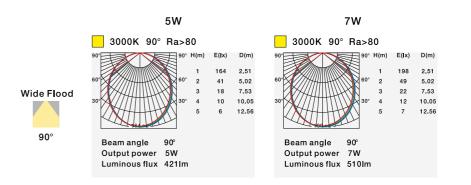
## **IDL15-A Slim Anti-dazzle** Series 2inch 70



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 3000K 3500K 4000K 5000K	Ra>80 Ra>90



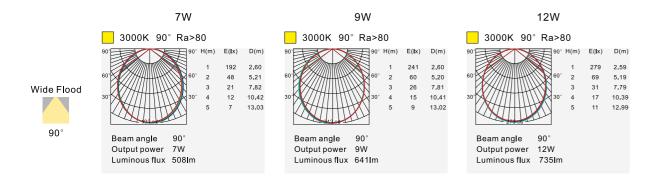
## IDL15-A Slim Flat Series 3inch 90



W	LM	Optic
3000K-0	CRI 80	
7W	595	90°
9W	765	90°
12W	935	90°



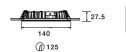
Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL15-A-3	7W 9W 12W	90°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90



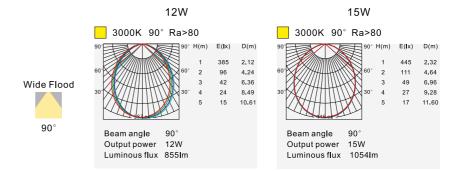
## IDL15-A Slim Flat Series 4inch 125



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



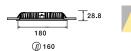
Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL15-A-4	12W 15W	90°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90



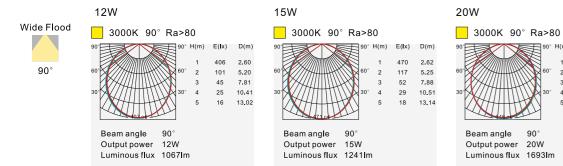
## IDL15-A Slim Flat Series 6inch 160

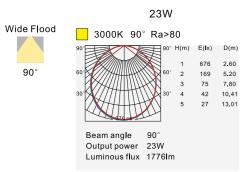


W	LM	Opti
3000K-0	CRI 80	
12W	935	90°
15W	1275	90°
20W	1700	90°
23W	1955	90°



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

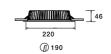




## IDL15-A Slim Flat Series 8inch 190

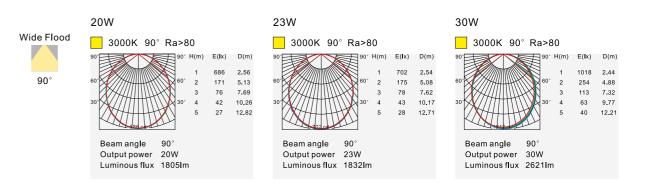


W	LM	Optic
3000K-0	CRI 80	
20W	1700	90°
23W	1955	90°
30W	2550	90°



7	

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



234 235

161 5.18 71 7.77

40 10.36

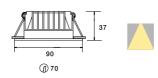
	IDL1	5-A-2		DL15-A-	3	IDL1	5-A-4		IDL1	5-A-6			IDL15-A-	-8
	5W	7W	7W	9W	12W	12W	15W	12W	15W	20W	23W	20W	23W	30W
Optics														
Wide Flood 90°	•	•	•	•	•	•	•	•	•	•	•	•	•	۰
Colour														
White+Iron gray	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Size														
85mm*32mm	•	•												
104mm*25.8mm			•	•	•									
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	•	•	•	•	•	•	•	•	•	•	•	•	•	
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•	
5000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dimming Type														
DALI			•	•	•	•	•	•	•	•	•	•	•	
TRIAC	•	•		•	•	•	•	•	•	•		•	•	
1-10V	•	•	•	•	•	•	•	•	•	•	•	•	•	
Non dimmable														

### Notes

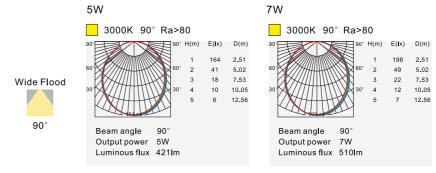
## IDL15-B Slim Anti-dazzle Series 2inch 70



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



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



<sup>-</sup> Different wattages can be provided upon request

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

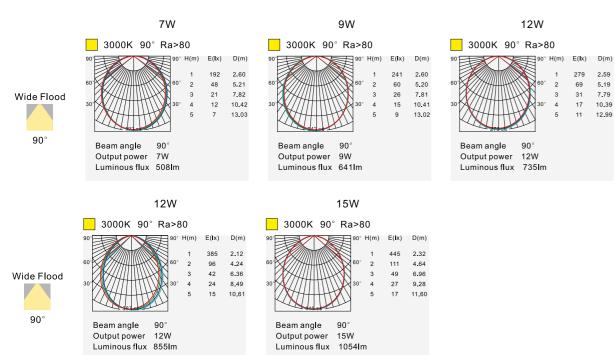
## IDL15-B Slim Anti-dazzle Series 3inch 90/4inch 125



W	LM	Optic	W	LM	Optio
3000K-0	CRI 80		3000K-0	CRI 80	
7W	595	90°	12W	935	90°
9W	765	90°	15W	1275	90°
12W	935	90°			



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

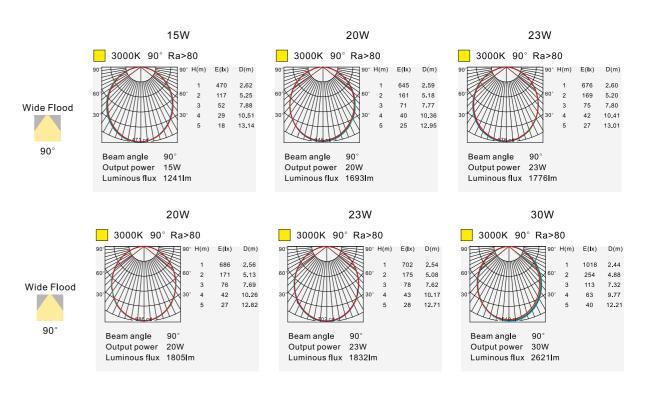


## IDL15-B Slim Anti-dazzle Series 6inch 160/8inch 190



W	LM	Optic	W	LM	Optic
3000K-0	CRI80		3000K-0	CRI 80	
15W	1275	90°	20W	1700	90°
20W	1700	90°	23W	1955	90°
23W	1955	90°	30W	2550	90°
	41	1.3		63	
<u> </u>	180		220		
(	① 160		(n) t	90	

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



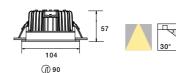
	IDL1	5-B-2		IDL15-B	-3	IDL1	5-B-4		DL15-B-	-6		IDL15-B	-8
	5W	7W	7W	9W	12W	12W	15W	15W	20W	23W	20W	23W	30W
Optics													
Wide Flood 90°	•	•	•	•	•	•	•	•	•	•	•	•	•
Colour													
White+Iron gray	•	•	•	•	•	•	•	•	•	•	•	•	•
Size													
90mm*37mm	•	•											
104mm*36.3mm			•	•	•								
140mm*38.3mm						•	•						
180mm*41.3mm								•	•	•			
220mm*63mm											•	•	•
Cutout													
70mm	•	•											
90mm			•	•	•								
125mm						•							
160mm								•		•			
190mm											•	•	0
Flow obviously refers to													
2700K Ra>90	•	•	0	•	•		0	•	0		•		
3000K Ra>90	•	•	•	•	•	•	•	•		•	•	•	
3500K Ra>90	•	•	•	•	•	•	•	•			•		
4000K Ra>90	•	•		•	•	•	•	•		•	•	•	
5000K Ra>90	•	•	•	•	•	•	•	•	0	•	•	•	•
2700K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•
3000K Ra>80	•	•	•	•	•	•	•	•	0	•	•	•	•
3500K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•
4000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•
5000K Ra>80	•	•	•	•	•	•	•	•	•	•	•	•	•
Dimming Type													
DALI			•	•	•	•	•	•	•	•	•	•	•
TRIAC	•	•	•	•	•	•	•	•	•	•	•	•	•
1-10V	•	•	•	•	•	•	•	•	•	•	•	•	
Non dimmable	•												

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

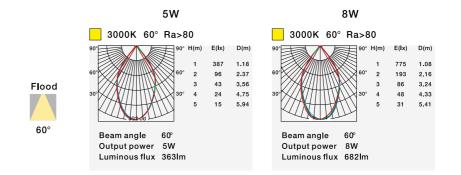
## **IDL15R-B Series 3inch 90**



W	LM	Optic
3000K-	CRI80	
5W	425	60°
8W	640	60°



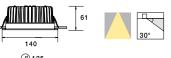
Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL15R-B-3	5W 8W	60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90



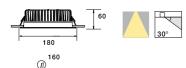
# IDL15R-B Series 4inch 125/6inch 160



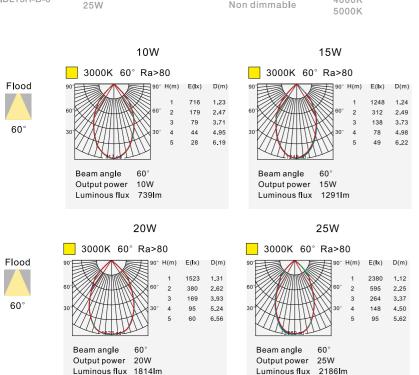
W	LM	Optic
3000K-0	CRI 80	
10W	850	60°
15W	1275	60°



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



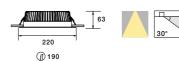
Model	Power	Beam Angle	Dimming Type	CCT	CRI
IDL15R-B-4	10W 15W	60°	TRIAC 1~10V	2700K 3000K	Ra>80
IDL15R-B-6	20W 25W	60	DALI Non dimmable	3500K 4000K 5000K	Ra>90



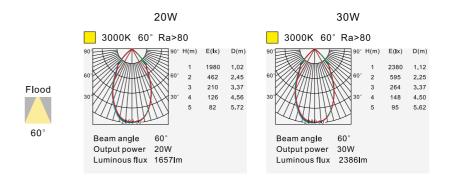
## IDL15R-B Series 8inch 190



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



Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL15R-B-8	20W 30W	60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90



	IDL15	IDL15R-B-3		5R-B-4	IDL15	R-B-6	IDL15R-B-8		
	5W	8W	10W	15W	20W	25W	20W	30W	
Optics									
Flood 60°	•	•	•	•	•	•	•	•	
Colour									
White+Iron gray	•	•	•	•	•	•	•	•	
Size									
104mm*57mm	•	•							
140mm*61mm			•	•					
180mm*60mm					•	•			
220mm*63mm							•	•	
Cutout									
90mm	•	•							
125mm			•	•					
160mm					•	•			
190mm							•	•	
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									

# **IDL16 Series Downlights**

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



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

## **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

IP level



DALI dimming

Different sizes



Different dimming







Different color temperatures



Optics



Wide Flood 90°

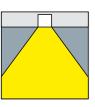






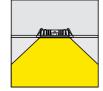
## General lighting

Ambient lighting produced by wide beam light distribution













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

# Downlight

Rotationally symmetrical or axially symmetrical wide beam light distribution for general

### LED

7W-23W 595lm-1950lm

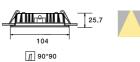
## LED

7W-23W 595lm-1950lm

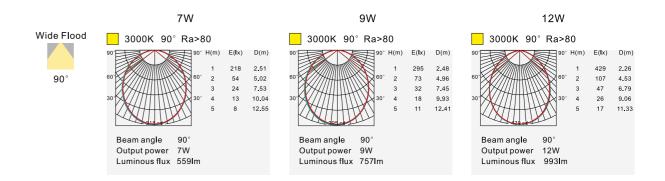
# **IDL16-A Slim Flat Series** 3inch 90\*90



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



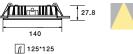
Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL16-A-3	7W 9W 12W	90°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90

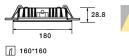


## **IDL16-A Slim Flat Series** 4inch 125\*125 / 6inch 160\*160



w	LM	Optic	w	LM	
3000K-C	CRI 80		3000K-0	CRI 80	
12W	935	90°	15W	1275	
15W	1275	90°	20W	1700	
			23W	1955	
	_			_	



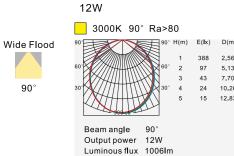


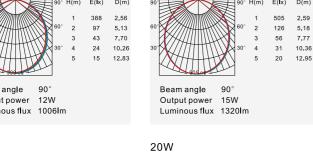
	_	28.8	
	_	_	
180			

Optic

90° 90°

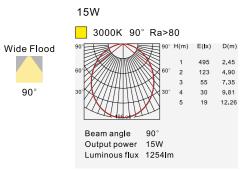
Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IDL16-A-4	12W 15W		TRIAC 1~10V	2700K 3000K	Ra>80
IDL16-A-6	15W 20W	90°	DALI Non dimmable	3500K 4000K 5000K	Ra>90

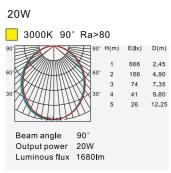


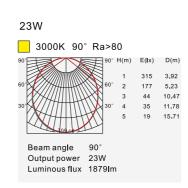


15W

3000K 90° Ra>80







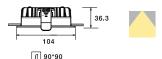
		IDL16-A-3		IDL16R-A-4		IDL16-A-6		
	7W	9W	12W	12W	15W	15W	20W	23W
Optics						<u> </u>		
Wide Flood 90°	•	•	•	•	•	•	•	•
Colour								
White+Iron gray	•	•	•	•	•	•	•	•
Size								
104mm*104mm*25.7mm	•	•	•					
140mm*140mm*27.8mm				•	•			
180mm*180mm*28.8mm						•	•	•
Cutout								
90mm*90mm	•	•						
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	•	•	•	•	•	•	•	

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

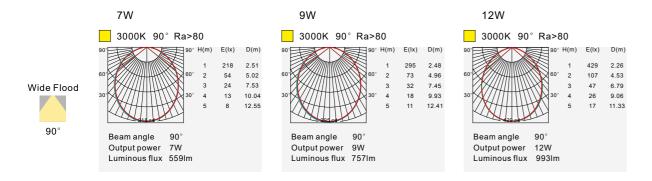
# IDL16-B Slim Anti-dazzle Series 3inch 90\*90



w	LM	Optic
3000K-C	RI 80	
7W	595	90°
9W	765	90°
12W	935	90°



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



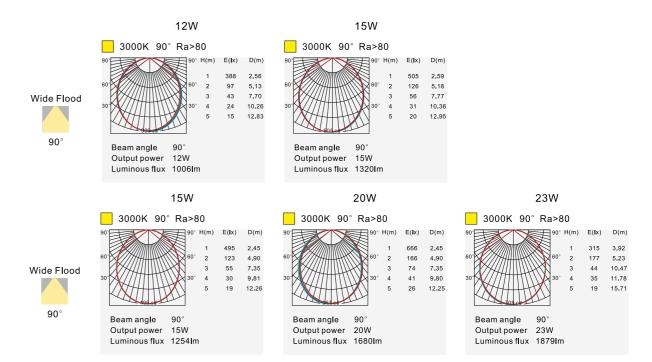
## IDL16-B Slim Anti-dazzle Series 4inch 125\*125 / 6inch 160\*160



W	LM	Optic	W	LM	Optic
3000K-C	RI 80		3000K-0	CRI 80	
12W	935	90°	15W	1275	90°
15W	1275	90°	20W	1700	90°
			23W	1955	90°



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



		IDL16-B-3		IDL16	6R-B-4		IDL16-B-6	
	7W	9W	12W	12W	15W	15W	20W	23W
Optics								
Wide Flood 90°	•	•	•	•	•	•	•	•
Colour								
White+Iron gray	•	•	•	•	•	•	•	•
Size								
104mm*104mm*36.3mm	•	•	•					
140mm*140mm*38.3mm				•	•			
180mm*180mm*41.3mm						•	•	•
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



<sup>-</sup> 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 versalitity; 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

from the left to the right, accurate adjusted angle.

### Easy installation

350° horizontal rotation, 25° rotation 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 anglè 30°



High-power LED SCDM<3



Different light distributions



Deep anti-dazzle



Horizontal 350°



Different housing colours



Excellent thermal management



**DALI** dimming



Optischer cut-off 30



IP level



Different sizes



EMC - optimised



Different dimming

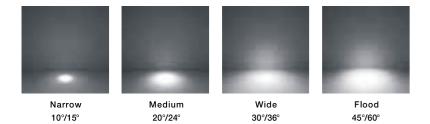


Tiltable 25°



Different color temperatures

## Optics





**1**82\*82/112\*112 10W/15W/20W/30W

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

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







produced by wide beam light distribution



General lighting

General lighting



produced by wide beam light distribution



Grille Light

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



LED

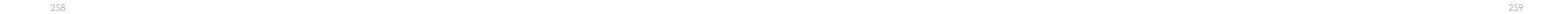
Narrow to very wide beam , 10W-30W rotationally symmetrical light 650lm-1950lm distribution for general lighting.



Grille Light

Narrow to very wide beam , 30W-90W rotationally symmetrical light distribution for general lighting.





## 3inch Single head 82\*82

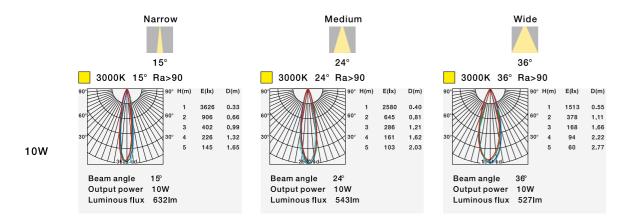


w	LM	Optio
3000K-0	CRI 90	
10W	650	10°
10W	650	15°
10W	650	24°
10W	650	30°
1.0\//	650	360





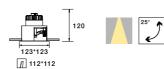
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Finish
IBL03R-B1-3	10W	10° 15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray



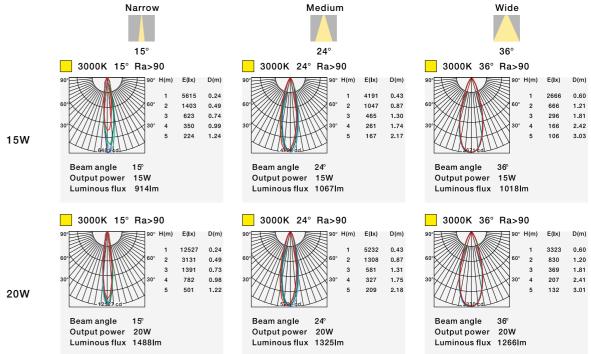
## 4inch Single head 112\*112



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	ССТ	CRI	Finish
IBL03R <b>-</b> B1-4	15W 20W	15° 24° 30° 36° 60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray

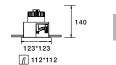


Output power 20W Output power 20W Output power 20W
Luminous flux 1488lm Luminous flux 1325lm Luminous flux 1266lm

# 4inch Single head 112\*112



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



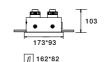


Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Finish	
IBL03R-B	1-4 30W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray	
	Narro	ow	Mediu	m 		Wide	
	15°		20°			36°	
	3000K 15° Ra		3000K 20° Ra>	90	30	000K 36° Ra>90	
30W	60	90° H(m) E(Ix) D(m)  1 15353 0.25  30° 2 3838 0.50  3 1705 0.76  30° 4 959 1.01  5 614 1.27	90 60 30 30 30 30	1 11324 0 2 2831 0 3 1258 1 4 707 1	(m) 90 .38 .76 60 .14 .52 30	60° 2 3 30° 4	E(Ix) D(n 5451 0.5 1362 1.1 605 1.7 340 2.3 218 2.9
	Beam angle 15° Output power 30W Luminous flux 1815		Beam angle 20° Output power 30W Luminous flux 2013I	m	Out	m angle 36° put power 30W ninous flux 2089Im	

## 3inch Double head 162\*82



w	LM	Optic
3000K-0	CRI 90	
20W	1300	10°
20W	1300	15°
20W	1300	24°
20W	1300	30°
20W	1300	36°





## 4inch Double head 222\*112



w	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	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° 24° 30° 36° 60°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
		arrow 15°	Medi			Wide 36°
	3000K 15°	· -	3000K 24° Ra			3000K 36° Ra>90
		90° H(m) E(lx) D(m)  1 11451 0.30  60° 2 2862 0.61 3 1272 0.91  30° 4 715 1.22 5 458 1.52  5°  0W  260lm	Beam angle 24° Output power Luminous flux 238:			90° H(m) 1 60° 2 3 30° 4 5  Beam angle 36° Output power 30W Luminous flux 2257Im
90° 60° 30°	3000K 15°	Ra>90    1	3000K 24° Ra	>90 90° H(m) E(lx) 1 11626 60° 2 2906 3 1291 30° 4 726 5 465	D(m) 90° 0.43 0.87 60° 1.31 1.75 30° 2.18	3000K 36° Ra>90  90° H(m) 1 60° 2 3 30° 4 5
		5° 0W 743Im	Beam angle 24° Output power 40W Luminous flux 2938			Beam angle 36° Output power 40W Luminous flux 2779Im

## 4inch Double head 222\*112



W	LM	Optio
3000K-0	CRI 90	
60W	3900	15°
60W	3900	20°
60W	3900	30°
60W	3900	36°
60W	3900	45°



Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Finish
IBL03R-B2-	-4 60W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray
	Nam	ow	Medi	um		Wide
	15 3000K 15° Ra		20 3000K 20° Ra		<	36° 3000K 36° Ra>90
60W	90	90° H(m) E(lx) D(m) 1 30638 0.25 60° 2 7659 0.51 3 3404 0.77 30° 4 1914 1.02 5 1225 1.28	90		D(m) 90 0.38 0.76 60 1.14 1.52 30	90° H(m) E(tx) 1 10706 60° 2 2676 3 1189 30° 4 669 5 428 amangle 36°
	Output power 60W Luminous flux 364		Output power 60W Luminous flux 388		Ou	tput power 60W minous flux 4130Im

## 3inch Triple head 242\*82

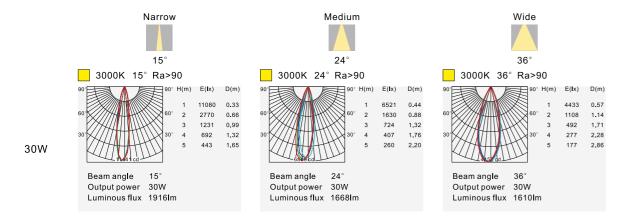


w	LM	Optio
3000K-0	CRI 90	
30W	1950	10°
30W	1950	15°
30W	1950	24°
30W	1950	30°
30W	1950	36°





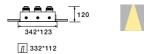
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B3-3	30W	10° 15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray



# 4inch Triple head 332\*112

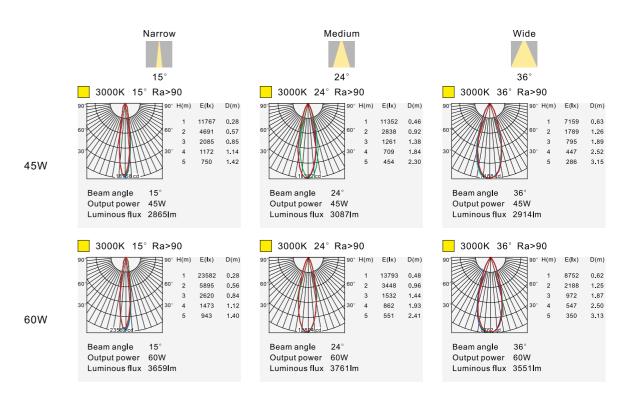


W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
45W	2925	15°	60W	3900	15°
45W	2925	24°	60W	3900	24°
45W	2925	30°	60W	3900	30°
45W	2925	36°	60W	3900	36°
45W	2925	60°	60W	3900	60°





Model	Power	Beam Angle	Dimming Type	CCT	CRI	Finish
IBL03R-B3-4	45W 60W	15° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray



# 4inch Triple head 332\*112



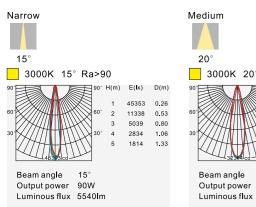
W		LM	Opti
30	00K-C	RI 90	
90	W	5850	15°
90	W	5850	20°
90	W	5850	30°
90	W	5850	36°
90	W	5850	45°

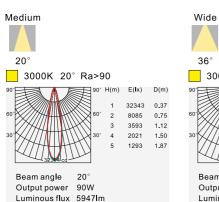


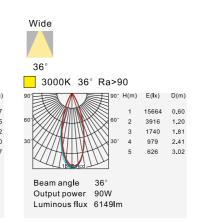




Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Finish
IBL03R-B3-4	90W	15° 20° 30° 36° 45°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K 5000K	Ra>80 Ra>90	White+Iron gray Black+Iron gray Iron gray







		IBL0	3R-B1			IBL0	3R-B2			IBL0	3R <b>-</b> 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	•	•	•	•	•	•	•	•	•	•	•	•
			•									

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

## **Overview-Tracks**







ITL 10

**ITL** 18

ITL13

### Performances

Optic Power Light flow Colour temperature Dimming Type Installation -phase track 2-phase track 3-phase track



15°/20°/24°/30° 36°/40°/45° Oval Flood 20W/30W/35W/40W 2000LM-4000LM 3000K-4000K

10°/15°/20°/24° 30°/36°/60° Oval Flood 490LM-2800LM 2700K-4000K DALI/TRIAC/1-10V

DALI/TRIAC/1-10V



A/B/C/D/E/F

DALI/TRIAC/1-10V



A/B/C





15°/20°/24°

36°/40°/60°

30W/35W/40W

2700LM-3600LM

2700K-4000K

DALI/TRIAC/1-10V

ITL 16

## Performances

Accessories

Optics

L6+DALI track Accessories Optics

Optic Power Light flow Colour temperature **Dimming Type** Installation -phase track 2-phase track 3-phase track L6+DALI track

10°/15°/20°/24° 30°/36°/60° Oval Flood 7W/10W/15W 25W/30W/35W 490LM-3150LM 2700K-4000K

ALI/TRIAC/1-10V

A/B/D/E/F





IT1

ITL 22

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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		

Accessories: A Honeycomb Filter B Stripped Glass C Fabric Glass D Red Filter E Green Filter F Blue Filter

## **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°



Flood 40°-60°

Oval Flood

Wall Washer

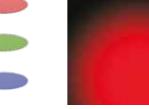
Wide 26°-36°

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

Stripped Glass

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





With Fabric Glass

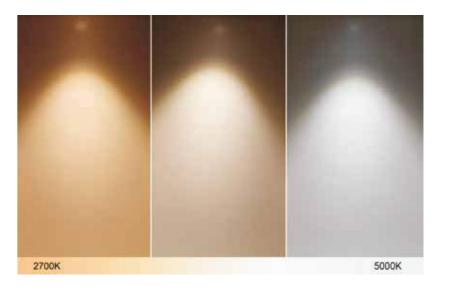


Without Fabric Glass

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

### Tunable White

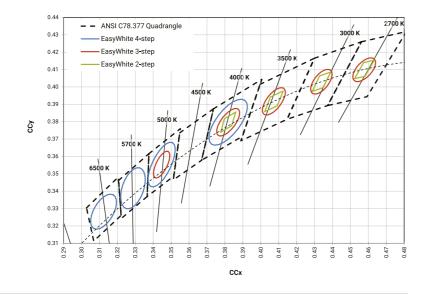
Through adjustable technology of color temperature to change color temperature from 2700K to 5000K and keep luminous intensity



## **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 contentmore bright and clear, real reflect the goods material and color, improve the grade of products.









Ra85 Moderate CRI Ra85 Standard CRI





## **ITL-18 Series Spotlight**

Widely used for mall, Show room, Bar, museungallery 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 ouput



## **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 spoting angle.



High-power LED SDCM<3



Different light distributions



Deep anti-dazzle



IP level



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

**Excellent thermal** management



**DALI** dimming





Tiltable 90°



Different color temperatures



Horizontal350°

EMC - optimised

Different dimming



(b)

Different housing colours

## **Optics**

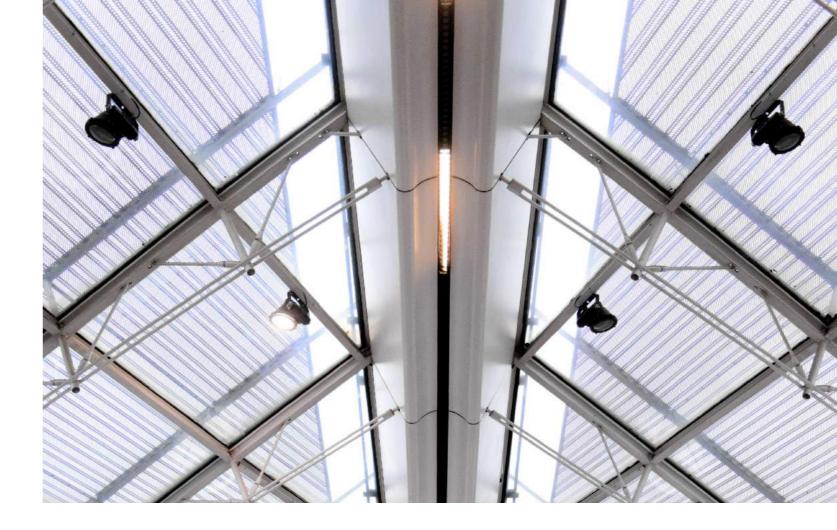








55°





Accentuation

accent lighting and spatial lighting for the



Washlighting

of larger objects or spatial zones.



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





Floodlights

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

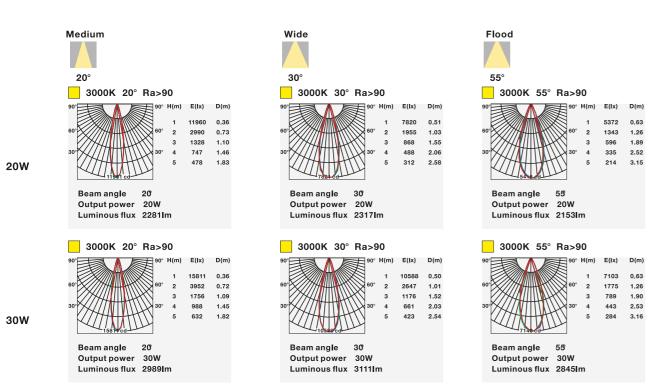




## **ITL18-A Top Mounted Series**



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

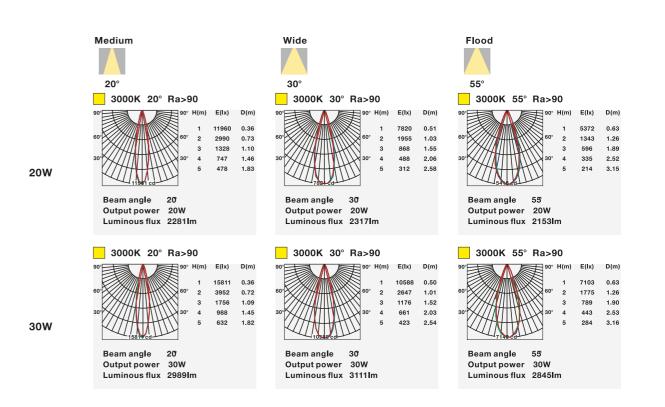


## **ITL18-B Top Mounted Series**



W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	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°
95	161.5			90° ↑ 350°	

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



# **ITL18-C Top Mounted Series**



W	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-C	RI 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 Angl	le CCT	CRI	Installation	Finish	Anti-dazzle accessories	
ITL18-C-95	20W 30W	15° 20° 30° 55°	2700K 3000K 3500K 4000K	Ra>80 Ra>90	2-phase track 3-phase track L6+DALI track	Black White	Honeycomb filter	
	Medium			Wide			Flood	
	20°			30°			55°	
	3000K	20° Ra>90		3000	K 30° Ra>90		3000K 55° Ra>90	
20W	Beam angle Output pow Luminous f		E(x) D(m)  11960 0.36  2990 0.73  1328 1.10  747 1.46  478 1.83		90° H(m) 1 60° 2 3 30° 4 5 ngle 30° power 20W us flux 2317Im	E(Ix) D(m) 7820 0.51 1955 1.03 868 1.55 488 2.06 312 2.58	60° 2 13 30° 4 3:	Ix) D(m) 172 0.63 143 1.26 196 1.89 35 2.52 14 3.15
30W	90° 60° 30° Beam angle		E(Ix) D(m)  15811 0.36 3952 0.72 1756 1.09 988 1.45 632 1.82	90° 60° 30° Beam a		E(Ix) D(m)  10588 0.50 2647 1.01 1176 1.52 661 2.03 423 2.54	60° 2 17 30° 4 4 Beam angle 55°	03 0.63 775 1.26 89 1.90 43 2.53 84 3.16
	Output pow Luminous f	ver 30W lux 2989Im		Output Lumino	power 30W us flux 3111Im		Output power 30W Luminous flux 2845Im	

	ITL18-A-95		ITL18-B-95		ITL18-C-95	
	20W		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

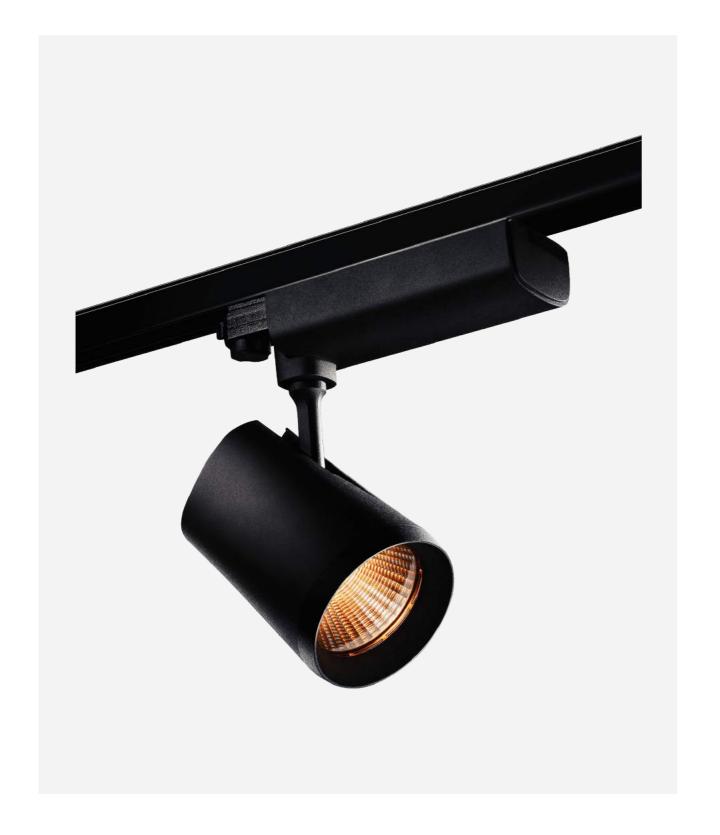


Honeycomb Filter

- 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 bodyand 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 spoting angle.

### Variety Accessories

Variety optical accessories to satisfy different Use high quality die-casting aluminium lighting effect; easy disassembly and replacing heat sink with convection cooling method,

### Anti-glare

Anti-glare designed lamp body.

### **Excellent Heat Dissipation**

cooling fast to low down luminous decay



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 20

IP level



Different color temperatures



EMC - optimised



Different dimming



Tiltable 90°



Different color filters



Different housing colours

### Optics









Flood

40°/45°

Elliptical optics are obtained by installing the specific accessory.



Medium 20°/24°

Wide 30°/36°

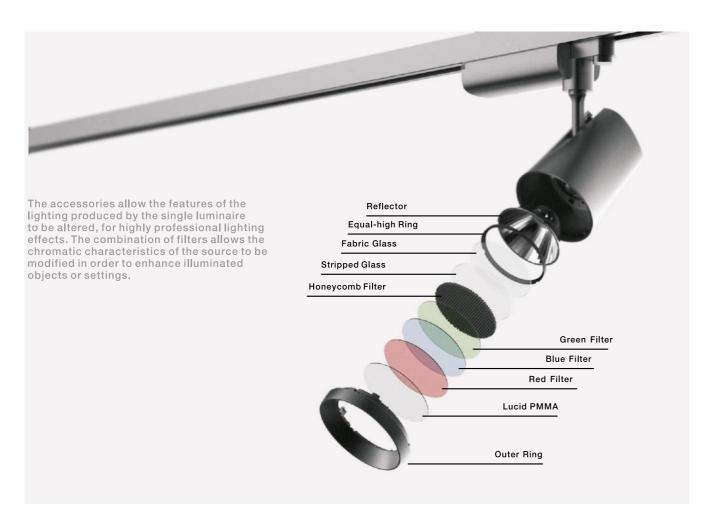
Oval Flood



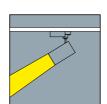


Ø100mm 20W/30W

Ø115mm 35W/40W





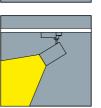


Accentuation Meet the demand of accent lighting and spatial lighting for the building.



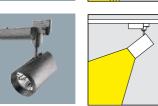
Spotlights Narrow to very wide beam, rotationally symmetrical light distribution for accent lighting.





Washlighting

Wide-beam illuminatio of larger objects or spatial zones.



Floodlights

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





# **ITL13 Deep V Series**



w	LM	Optic	W	LM	Optio
3000K-C	RI 90		3000K-C	RI 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	Installa	tion	Finish	Acce	ssories
ITL13R-A-10	20W 30W	20° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	3000K 3500K 4000K	Ra>80 Ra>90	1-phase 2-phase 3-phase L6+DAL	track track	Black White	Stripp	filter
	Medium		Medium				Wid			
	20° 3000K 20	° Pa>00	24°	K 24° R	2>00		36°	° 000K 36° F	22.00	
20W	Beam angle Output power Luminous flux	90° H(m) E(lx)  1 16217  60° 2 4054 3 1801 30° 4 1013 5 648  20° 20W	D(m) 90 0.32 60 0.65 60 0.98 1.31 30 1.64 Beam an Output		90° H(m) E 1 9 60° 2 2 3 1 30° 4 5	E(Ix) D(m) 140 0.46 285 0.93 1.40 571 1.87 365 2.33	90° 60° 30° Bea	am angle 30 put power 2 ninous flux 2	90° H(m) 1 60° 2 3 30° 4 5	E(Ix) D(m) 4136 0.64 1034 1.29 459 1.93 258 2.58 165 3.22
	3000K 20	° Ra>90	3000	K 24° Ra	a>90		3	000K 36° F	Ra>90	
30W	90° 60° 30°	90° H(m) E(lx) 1 18170 60° 2 4542 3 2018 30° 4 1135 5 726	D(m) 90 0.32 0.65 60 0.98 1.31 30 1.63	2053 cd	1 11 60° 2 2 3 1 30° 4 7	E(lx) D(m) 1993 0.46 1998 0.93 332 1.39 749 1.86 479 2.33	90° 60°	94460	90° H(m) 1 60° 2 3 30° 4 5	E(Ix) D(m)  5464 0.64  1366 1.29  607 1.93  341 2.58  218 3.22
	Beam angle Output power Luminous flux		Beam ar Output p Luminor	•	W		Out	am angle 30 put power 3 ninous flux 2	0W	

# ITL13 Deep V Series



W	LM	Optic	W	LM	Optic	
3000K-C	RI 90		3000K-C	RI 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	Installat	ion	Finish	Accessories
ITL13R-A-11	30W 35W	15° 24° 30° 40° 45°	TRIAC 1~10V DALI Non dimmable	3000K 3500K 4000K	Ra>80 Ra>90	1-phase t 2-phase t 3-phase t L6+DALI	track track	Black White	Honeycomb filter Stripped glass Fabric glass Red filter Green filter Blue filter
	Narrow		Medium				Wid		
	15°	15° Ra>90		< 24° Ra	a>90		30°	000K 30° R	a>90
35W	Beam angle Output pow Luminous fi		0.29 0.59 0.89 1.19 30 Beam an Output p Luminou	gle 24°	1 13 60° 2 3; 3 14 30° 4 8 5 5	(IX) D(m) 1375 0.44 243 0.89 486 1.34 36 1.79 335 2.23	Out	m angle 30 put power 35 ininous flux 33:	W
40W	3000K	15° Ra>90 90° H(m) E(lx) 1 29392 60° 2 7348 3 3265 30° 4 1837 5 1175	D(m) 90°	24° R	90° H(m) E 1 15 60° 2 38 3 17 30° 4 9	(lx) D(m) 1469 0.44 1867 0.89 1718 1.34 166 1.79 118 2.23	30 90 60 30	000K 30° R	a>90  1 11868 0.54 80° 2 2967 1.09 3 1318 1.63 30° 4 741 2.18 5 474 2.73
	Beam angle Output pow Luminous fl		Beam an Output p Luminou	-	V		Out	m angle 30 put power 40 ninous flux 39	W

	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	0	•	•	•	
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	•	•	•	•	
r					

## Optical Accessories











Blue Filter



Fabric Glass



Green Filter



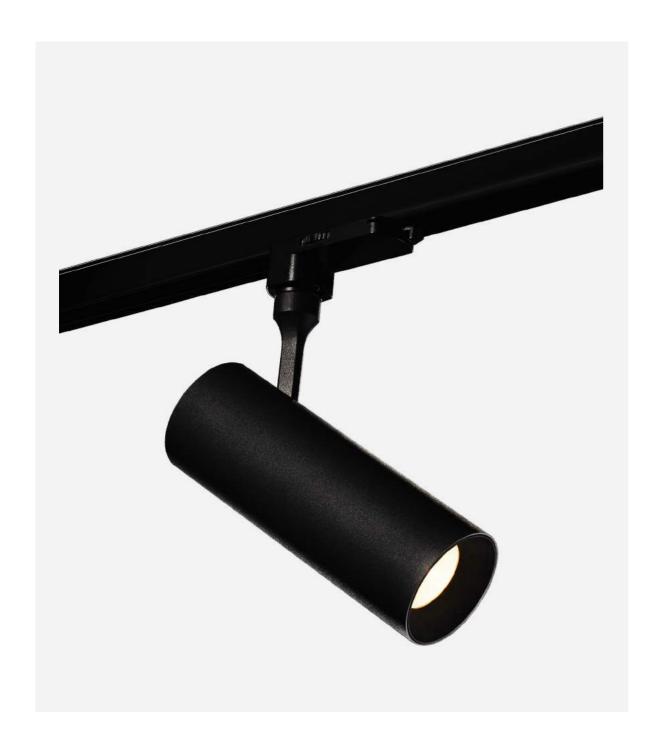
Stripped Glass





# **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.

## Tiltable

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



High-power LED SDCM<3



Different light distributions



Optischer cut-off 30



IP level



Different sizes

## 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.



**Excellent thermal** management



TRIAC dimming



Tiltable 90°



Different color temperatures



EMC - optimised



Deep anti-dazzle



Horizontal 350°



Different housing colours

## Optics



Narrow 10°/15°









Elliptical optics are obtained by installing the specific accessory.

Medium Wide Flood Oval Flood 20°/24° 30°/36°

## Top-mounted Spotlight Lens



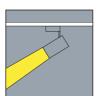
# Top-mounted Spotlight Reflector





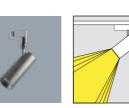






## Accentuation

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



Spotlights
Narrow to very wide beam , 7W-30W
rotationally symmetrical light distribution for accent lighting.

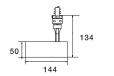
295



# **Top-mounted Spotlight**

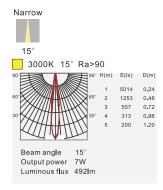


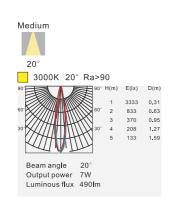
W	LM	Optic
3000K-	CRI 90	
7W	490	10°
7W	490	15°
7W	490	20°
7W	490	30°

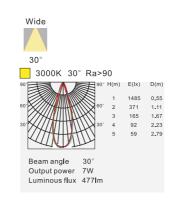




Model	Power	Beam Angle	CCT	CRI	Installation	Finish	Optical Accessories
ITL10L-A-50	7W	10° 15° 20°	2700K 3000K 3500K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Fabric Glass







# **Top-mounted Spotlight**



W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI90	
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 Accessor	ies
ITL10L-A-66	10W 15W	10° 15° 20° 36°	TRIAC Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Fabric Glass	
Narrov 15°	w 		Medium 20°					/ide	
10W Bean Outp	nangle 15° ut power 10W nous flux 996lm		Beam and Output po	20° Ra>90 80° H( 80°	1 4742 0 2 1185 0 3 526 1 4 296 1	D(m) 1,.37 1,74 1.12 1,49 1,86	(	80° 2 30° 4	E(lx) D(m 2527 0.6 331 1.2 280 1.8 157 2.4 101 3.1
15W Bean Outp	nangle 15° utpower 15W nous flux 1265lm		Beam and Output po	20° Ra>90° H( 60° 3 30° 4 10le 20° wer 15W flux 1227lm	1 6052 0 2 1513 0 3 672 1 4 378 1	D(m) 3.37 3.74 1.11 4.49	(	60° 2 3 30° 4	E(lx) D(n 1286 0.6 821 1.2 365 1.8 205 2.5 131 3.1

# **Top-mounted Spotlight**

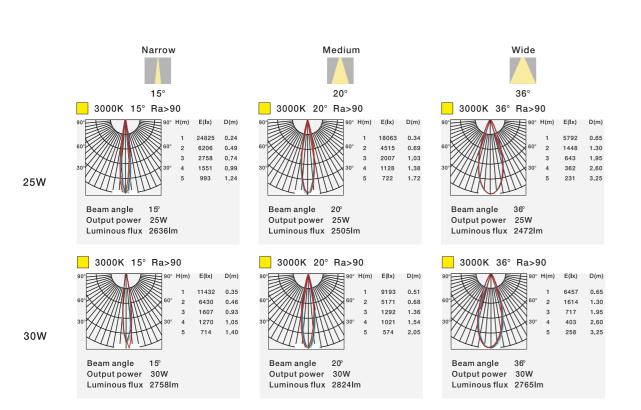


W	LM	Optic	W	LM	Optio
3000K-0	CRI 90		3000K-0	CRI 90	
25W	2375	10°	30W	2700	15°
25W	2375	15°	30W	2700	20°
25W	2375	20°	30W	2700	36°
25W	2375	36°			





Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Installation	Finish	Optical Accessories
<b>I</b> °L10L-A-80	25W 30W	10° 15° 20° 36°	TRIAC 1~10V DALI	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Fabric Glass

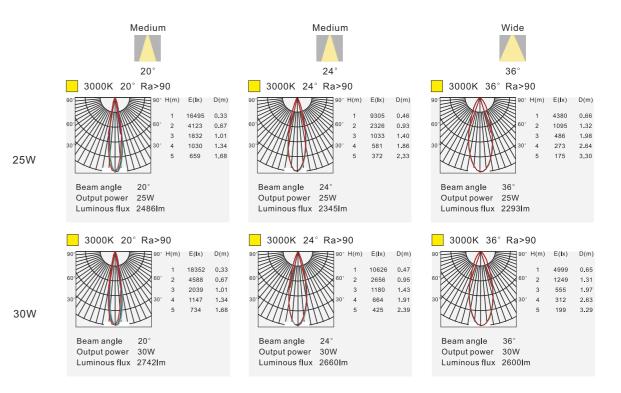


# **Top-mounted Spotlight**

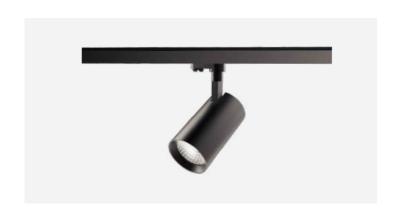


LM	Optic	W	LM	Optic
RI 90		3000K-0	CRI 90	
2250	20°	30W	2700	20°
2250	24°	30W	2700	24°
2250	30°	30W	2700	30°
2250	36°	30W	2700	36°
164			90°	30°
	2250 2250 2250 2250 2250 2250	2250 20° 2250 24° 2250 30° 2250 36°	RI 90 3000K-0 2250 20° 30W 2250 24° 30W 2250 30° 30W 2250 36° 30W	RI 90 3000K-CRI 90  2250 20° 30W 2700 2250 24° 30W 2700 2250 30° 30W 2700 2250 36° 30W 2700

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

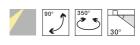


# **Top-mounted Spotlight**



w	LM	Optic	W	LM
3000K-0	CRI 90		3000K=	CRI 90
25W	2850	15°	30W	2800
25W	2850	20°	30W	2800
25W	2850	36°	30W	2800
25W	2850	60°	30W	2800

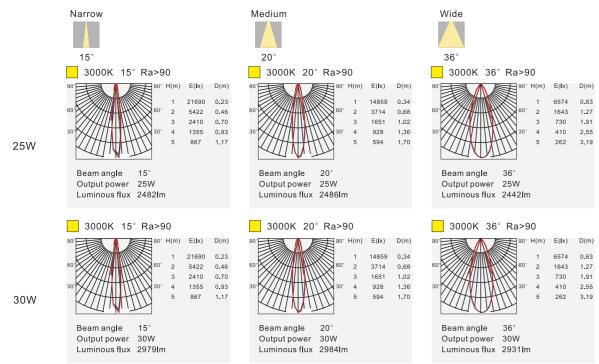




Optic

15° 20° 36° 60°

Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Installation	Finish
Model	rowei	Beam Angle	Dillilling Type	001	0111	matanation	1 1111311
ITL10R-A-93	25W 30W	15° 20° 36°	TRIAC Non dimmable	2700K 3000K 3500K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White



Optics   Narrow 10°		ITL10L-A-50	ITL10	L-A-66	l ITL10	L-A-80	ITL10	R-A-80	ITL10	R-A-93
Narrow 10°					1					
Narrow 10°	0-4:		1		1		1			
Narrow 15°	•									
Medium 20° Medium 24° Wide 30° Wide 36° Flood 60° Oual Flood  Colour White Black  Size  144mm*50mm*134mm 188mm*184mm 188mm*18mm*167mm  Flow obviously refers to 3000K Ra>90 3000K Ra>80 3000K Ra>90 300K Ra>										
Medium 24°										
Wide 30°		•	•	•	•	•	_		•	•
Wide 36°   Flood 60°   Oval Flood 60°										
Flood 60° Oval Flood  Colour White Black  Size  144mm*50mm*134mm 180mm*66mm*148mm 180mm*164mm 180mm*167mm  Flow obviously refers to 3000K Ra>90 3500K Ra>90 4000K Ra>90 4000K Ra>90 4000K Ra>80 4000K	Wide 00	•								
Colour	Wide 30		•					•		
Colour White Black  Size  144mm*50mm*134mm 180mm*66mm*148mm 180mm*93mm*167mm  Flow obviously refers to 3000K Ra>90 3500K Ra>90 4000K Ra>90 4000K Ra>80	11000 00								•	•
White Black	Oval Flood	•	•	•		•		•		
Size										
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  4000K Ra>80  3000K Ra>80  3000K Ra>80  3000K Ra>80  3000K Ra>80  3000K Ra>80  3000K Ra>80  4000K Ra>80  5000K Ra>80  4000K Ra>80  5000K Ra>80  6000K		•	•	•	•	•	•	•	•	•
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 3500K Ra>80 3500K Ra>80 4000K Ra>80 3500K Ra>80 4000K Ra	Black	•	•	•	•	•	•	•	•	•
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 3500K Ra>80 3500K Ra>80 4000K Ra>80 3500K Ra>80 4000K Ra	Size									
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 3000K Ra>80 3000K Ra>80 4000K Ra>80 4		•								
Telow obviously refers to			•	•						
Flow obviously refers to  3000K Ra>90  3500K Ra>90  4000K Ra>90  4000K Ra>80  3500K Ra>80  3500K Ra>80  3500K Ra>80  4000K Ra>80  Dimming Type  DALI  TRIAC  1-10V  Non dimmable  Installation  1-phase track  2-phase track  Optical Accessories  Honeycomb Filter  Stripped Glass					•	•	•	•		
3000K Ra>90 3500K Ra>90 4000K Ra>90 2700K Ra>80 3000K 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	168mm*93mm*167mm								•	•
3000K Ra>90 3500K Ra>90 4000K Ra>90 2700K Ra>80 3000K 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										
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 Topical Accessories Honeycomb Filter Stripped Glass										
4000K Ra>90 2700K Ra>80 3000K Ra>80 3500K Ra>80 4000K Ra>80 4000K Ra>80  Dimming Type DALI TRIAC 1-10V Non dimmable  Installation 1-phase track 2-phase track 3-phase track Topical Accessories Honeycomb Filter Stripped Glass								_	_	
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							_			_
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							_			•
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										•
### ### ##############################										•
Dimming Type DALI TRIAC 1-10V Non dimmable Installation 1-phase track 2-phase track 3-phase track Optical Accessories Honeycomb Filter Stripped Glass							_			•
DALI TRIAC 1-10V Non dimmable Installation 1-phase track 2-phase track 3-phase track Optical Accessories Honeycomb Filter Stripped Glass	4000K Ra>80	•	•	•	•	•	•	•	•	•
TRIAC  1-10V  Non dimmable  Installation  1-phase track 2-phase track 3-phase track  Optical Accessories Honeycomb Filter Stripped Glass	Dimming Type									
1-10V Non dimmable  Installation 1-phase track 2-phase track 3-phase track  Optical Accessories Honeycomb Filter Stripped Glass	DALI				•	•	•	•		
Non dimmable  Installation 1-phase track 2-phase track 3-phase track Optical Accessories Honeycomb Filter Stripped Glass	TRIAC		•	•	•	•	•	•	•	•
Installation 1-phase track 2-phase track 3-phase track Optical Accessories Honeycomb Filter Stripped Glass	1-10V				•	•	•	•		
1-phase track 2-phase track 3-phase track  Optical Accessories Honeycomb Filter Stripped Glass	Non dimmable	•			•	•	•	•	•	•
1-phase track 2-phase track 3-phase track  Optical Accessories Honeycomb Filter Stripped Glass	Installation									
2-phase track 3-phase track  Optical Accessories Honeycomb Filter Stripped Glass		•	•	•	•	•	•	•	•	•
3-phase track  Optical Accessories  Honeycomb Filter  Stripped Glass		•	•	•	•	•	•	•	•	•
Optical Accessories Honeycomb Filter  Stripped Glass			•						•	
Honeycomb Filter • • • • • • • • • Stripped Glass • • • • • •									•	
Stripped Glass										
	-	•	•	•	•	•	•	•		
Fabric Glass	* *	•	•	•	•	•	•	•		
	Fabric Glass	•	•	•	•	•	•	•		

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## Optical Accessories



Honeycomb Filter Stripped Glass Fabric Glass

## Notes

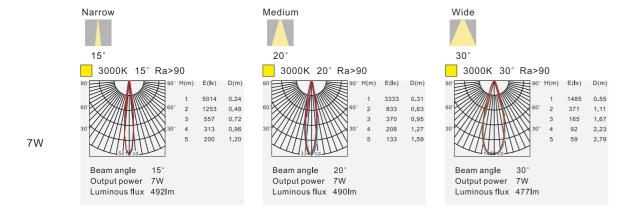
- Different wattages can be provided upon request
- Customization for non-standard solutions in terms of light source, color, length and other specifications.

# **Recessed Spotlight**



LM	Optic	
CRI 90	·	
490	10°	
490	15°	
490	20°	
490	30°	
106	90°	•
	490 490 490 490 490	CRI 90  490  490  10°  490  15°  490  20°  490  30°

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

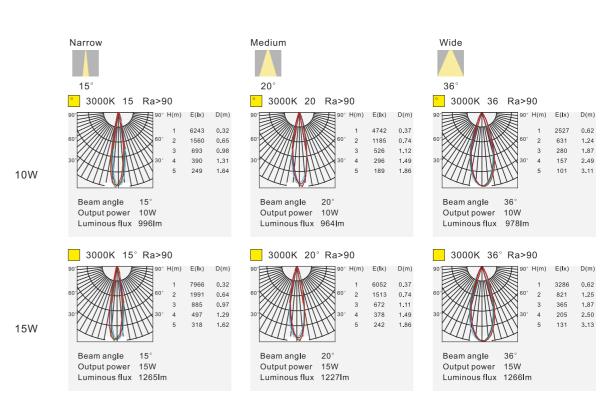


# **Recessed Spotlight**



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

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

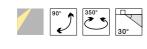


# **Recessed Spotlight**

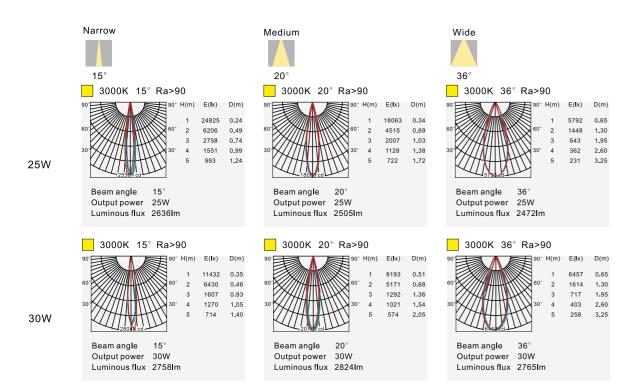


W	LM	Optic	w	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
25W	2375	10°	30W	2700	15°
25W	2375	15°	30W	2700	20°
25W	2375	20°	30W	2700	36°
25W	2375	36°			





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



# **Recessed Spotlight**

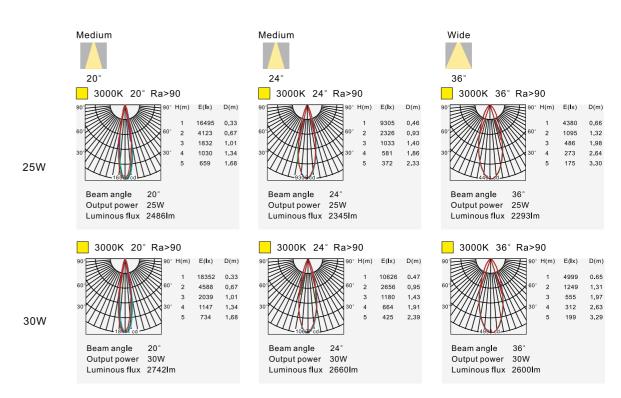


W	LM	Optic	w	LM	Optic	
3000K-0	CRI 90		3000K-CRI 90			
25W	2250	20°	30W	2700	20°	
25W	2250	24°	30W	2700	24°	
25W	2250	30°	30W	2700	30°	
25W	2250	36°	30W	2700	36°	





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



	ITL10L-C-50   ITL10L-C-66   ITL10L-C-80		L-C-80	ITL10F	R-C-80		
	7W	10W	15W	25W	30W	25W	30W
Optics							
Narrow 10°	•	•	•	•			
Narrow 15°	•	•	•	•	•		
Medium 20°	•	•	•	•	•	•	•
Medium 24°						•	•
Wide 30°	•					•	•
Wide 36°   ■ Minimum   Wide M		•	•	•	•	•	•
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



## Notes

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

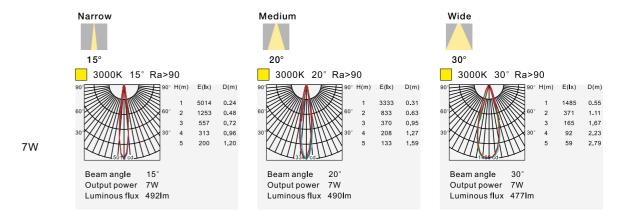
# **Surface-mounted Spotlight**



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



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



# **Surface-mounted Spotlight**



W	LM	Optic	w	LM	Optio
3000K-C	RI 90		3000K-C	RI 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°
	165		9	0°	30°
66					

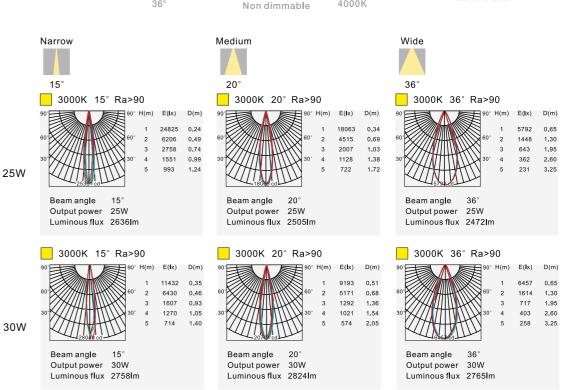
Model		Power	Beam Angle	Dimming Type	ССТ	CRI	Optical Accessories
ITL10L-0	D-66	10W 15W	10° 15° 20° 36°	TRIAC Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass
	Narrow			Medium		Wide	
	15°	)K 15° Ra>90		20° 3000K 20° Ra>90		36°	√ 36° Ra>90
	90 60 30 Beam a Output	90° H 60° 30°		90° H(m 60° 2 30° 4 60° 2 30° 4 5 Beam angle 20° Output power 10W Luminous flux 964lm	1) E(lx) D(m) 4742 0.37 1185 0.74 526 1.12 296 1.49 189 1.86	Beam an Output p	90° H(m) E(lx) D(m)  1 2527 0.62 60° 2 631 1.24 3 280 1.87 30° 4 157 2.49 5 101 3.11  gle 36°
	90 60 30 Beam a Output	30° 30° 110° 15°		3000K 20° Ra>90 90° H(m 1 60° 2 30° 3 30° 4 5  Beam angle 20° Output power 15W Luminous flux 1227lm	6052 0.37 1513 0.74 672 1.11 378 1.49 242 1.86	Beam an Output p	

# **Surface-mounted Spotlight**



W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	CRI 90	
25W	2375	10°	30W	2700	15°
25W	2375	15°	30W	2700	20°
25W	2375	20°	30W	2700	36°
25W	2375	36°			
	80				
	W		90	° ↑ 350°	4
20	186				30°

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



# **Surface-mounted Spotlight**



W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-0	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°
25W 25W			30W		36°
80 18	186				30°

Model	Power	Beam Angle	Dimming Type	CCT	CRI	Optical Accessories	
ITL10R-D-80	25W 30W	20° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	Honeycomb Filter Stripped Glass Fabric Glass	
	Medium 20°		Medium		Wid		
	3000K 20° R	ta>90	3000K 24° Ra	>90	<u> </u>	3000K 36° Ra>90	
	Beam angle 20 Output power 25 Luminous flux 24	90° H(m) E(lx) D(m) 1 16495 0.33 60° 2 4123 0.67 3 1832 1.01 30° 4 1030 1.34 5 659 1.68	90'	0° H(m) E(Ix) 1 9305 0° 2 2326 3 1033 0° 4 581 5 372	D(m) 90 0.46 0.93 60 1.40 1.86 30 Be:	90° H(m) E(lx) D(n 1 4380 0.6 60° 2 1095 1.3 3 486 1.9 30° 4 273 2.6 5 175 3.3  am angle 36° tput power 25W minous flux 2293Im	66 32 98 64
	3000K 20° R	20>00	3000K 24° Ra	<b>&gt;</b> 00	<u> </u>	3000K 36° Ra>90	
	Beam angle Output power Suminous flux 27	90° H(m) E(IX) D(m) 1 18352 0.33 60° 2 4588 0.67 3 2039 1.01 30° 4 1147 1.34 5 734 1.68	90	1 10626 1 10626 90° 2 2656 3 1180 90° 4 664 5 425	D(m) 90 0.47 60 0.95 60 1.43 1.91 2.39	90° H(m) E(lx) D(r 1 4999 0.6 60° 2 1249 1.3 3 555 1.9 30° 4 312 2.6 5 199 3.2 am angle 36° tput power 30W minous flux 2600Im	65 31 97 63

	ITL10L-D-50	ITL1	0L-D-66	ITL10	L-D-80	ITL10	DR-D-80
Optics	7W	10W	15W	25W	30W	25W	30W
Narrow 10°	•	•	•	•			
Narrow 15°	•	•	•	•	•		
Medium 20°	•	•	•	•	•	•	•
Medium 24°						•	•
Nide 30°	•					•	•
Wide 36°		•	•	•	•	•	•
Flood 60°							
Oval Flood	•	•	•	•	•	•	•
Colour							
White	•	•	•	•	•	•	•
Black	•	•	•	•	•	•	•
Size							
144mm*50mm*144mm	•						
180mm*66mm*165mm		•	•				
180mm*80mm*186mm				•	•	•	0
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	•	•	•	•	0	•	•
Stripped Glass	•	•	•	•	•	•	•

## Optical Accessories



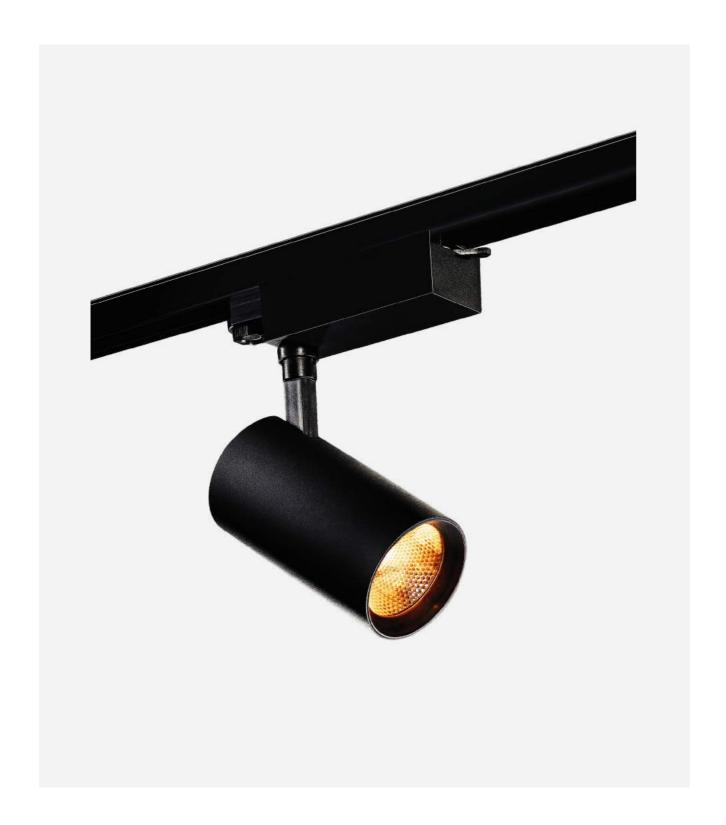
## Notes

- 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°adjustabledifferent 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-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.

### Tiltable

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

## **Excellent Heat Dissipation**

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

## Anti-glare

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



High-power LED SDCM<3



Different light distributions



Deep anti-dazzle



Horizontal 350°



Different glasses



Different sizes



**Excellent thermal** management



DALI dimming

IP level

Different color

temperatures



IP 20

Optischer cut-off 30



Tiltable 90°

EMC - optimised

Different dimming



(t)

Different color filters



Different housing colours

## Optics



Narrow 10°/15°



Medium 20°/24°



Wide

30°/36°



Flood



Oval Flood

Elliptical optics are obtained by installing the specific accessory.



Ø50mm 7W





Ø80mm 25W/30W



Ø93mm

Ø66mm 10W/15W

30W/35W

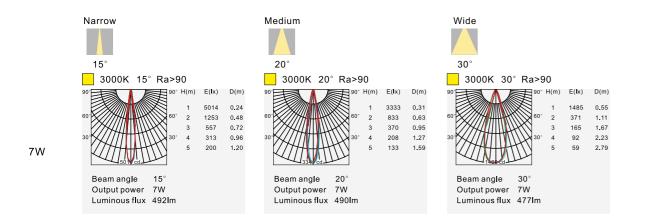
# **ITL-16 Series Spotlight**



W	LM	Opt
3000K-C	RI 90	
7W	490	10°
7W	490	15°
7W	490	20°
7W	490	30°



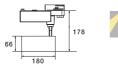
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Installation	Finish	Optical Accessorie
ITL16L-A-50	7W	10° 15° 20° 30°	TRIAC Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Red Filter Blue Filter Green Filter



# **ITL-16 Series Spotlight**

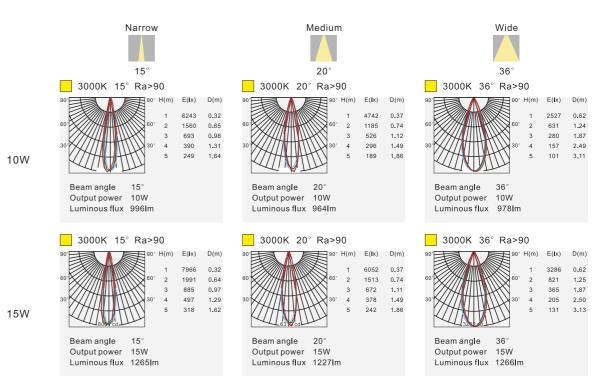


W	LM	Optic	W	LM	Optic		
3000K-CRI 90			3000K-CRI 90				
10W	950	10°	15W	1200	10°		
10W	950	15°	15W	1200	15°		
10W	950	20°	15W	1200	20°		
10W	950	36°	15W	1200	36°		





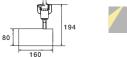
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Installation	Finish	Optical Accessories
ITL16L-A-66	10W 15W	10° 15° 20° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Red Filter Blue Filter



# **ITL-16 Series Spotlight**



W	LM	Optic	W	LM	Optic
3000K-0	CRI 90		3000K-	CRI90	
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° 24° 30° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	2-phase track 3-phase track	Black White	Honeycomb Filter Stripped Glass Red Filter Blue Filter Green Filter
N	Medium		Medium			Wide		
	20° 3000K 20	° Pa>00	24°	24° Ra>90		36°	36° Ra>9	00
9 6 3 25W	•	1 16495 60° 2 4123 3 1832 30° 4 1030 5 659 20° 25W	D(m) 90 0.33 0.67 1.01 1.34 1.68 Beam angle Output powe Luminous flt		9305 0 2326 0 1033 1 581 1	(m) 90 .46 .93 .40 .86 .33 Beam ang Output por Luminous	60° 30°	H(m) E(lx) D(m)  1 4380 0.66 2 1095 1.32 3 486 1.98 4 273 2.64 5 175 3.30
6	3000K 20		D(m) 90 0.33 0.67 1.01 1.34 1.68	24° Ra>90 90° H(r 60° 2 3 30° 4 5	10626 0 2656 0 1180 1 664 1	(m) 90 .47 .95 60 .43 .91 30 Beam ang	30°	H(m) E(lx) D(m)  1 4999 0.65 2 1249 1.31 3 555 1.97 4 312 2.63 5 199 3.29
	Output power Luminous flux	30W	Output power	er 30W		Output po	wer 30W flux 2600In	n

# **ITL-16 Series Spotlight**

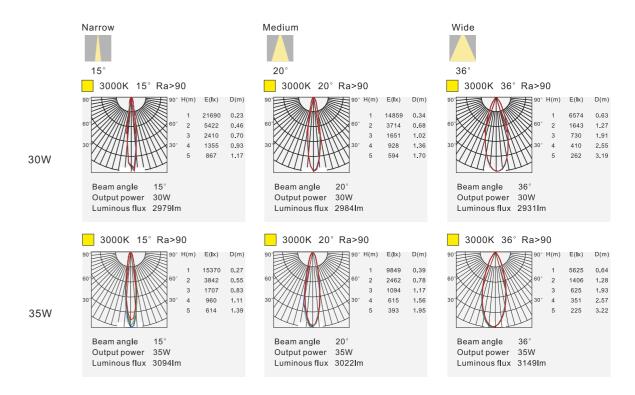


W	LM	Optic	W	LM	Optic
3000K-0	CRI90		3000K-0	CRI 90	
30W	2850	15°	35W	3150	15°
30W	2850	20°	35W	3150	20°
30W	2850	36°	35W	3150	36°
30W	2850	60°	35W	3150	60°





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



	ITL16L-A-50	I ITL16	L-A-66	ITL16F	R-A-80	ITL16I	R-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







Red Filter



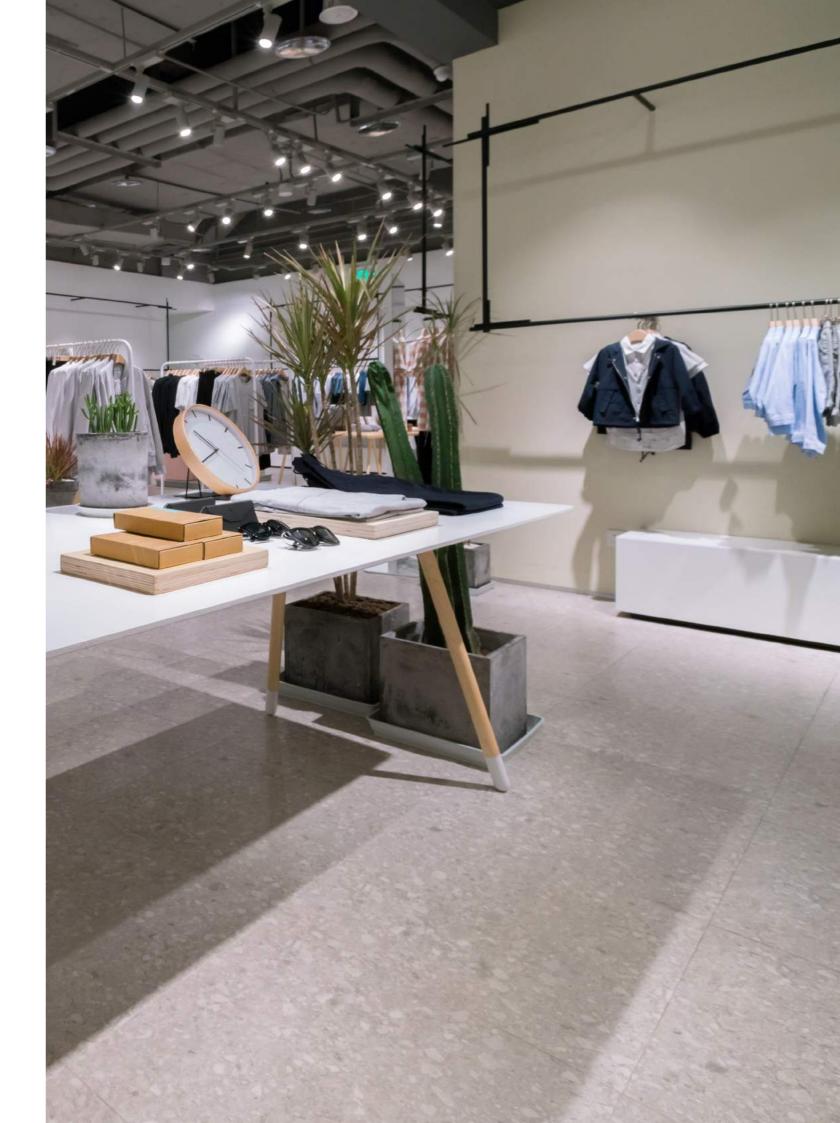
Green Filter





## 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.

### Tiltable

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

## **Excellent Heat Dissipation**

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

## 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°





Different color temperatures



Different sizes

Horizontal 350°



IP 20

Different housing colours

IP level

# Optics



Narrow



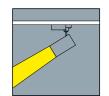
Medium 20°/24°



36°/40°







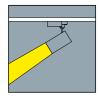
Accentuation
Meet the demand of accent lighting and spatial lighting for the building.



## Spotlights

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

30W-35W 2700lm-3150lm



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



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

# LED







Ø106mm

40W

Ø95mm 30W/35W

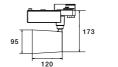
Ø106mm 40W

Ø95mm 30W/35W

# **ITL-23 Series Spotlight**

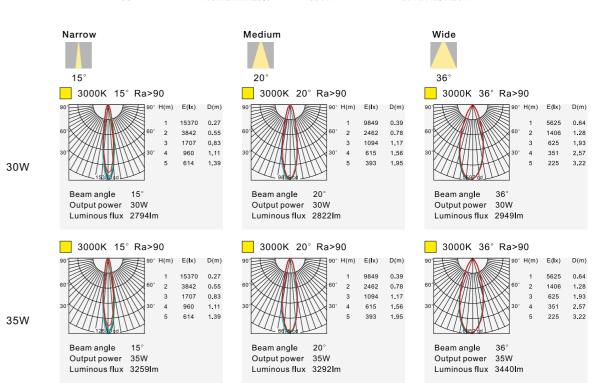


W	LM	Optic	W	LM	Optic
3000K-	CRI 90		3000K-	CRI 90	
30W	2850	15°	35W	3150	15°
30W	2850	20°	35W	3150	20°
30W	2850	36°	35W	3150	36°
30W	2850	60°	35W	3150	60°





					001		
Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
		15°	TRIAC	2700K		1-phase track	
ITL23-A-95	30W	20°	1~10V	3000K	Ra>80	2-phase track	Black
11L23=A=93	35W	36°	DALI	3500K	Ra>90	3-phase track	White
		60°	Non dimmable	4000K		L6+DALI track	



# **ITL-23 Series Spotlight**



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



Model	Power	Beam Angle	Dimming	Туре	ССТ	CRI	Installation	Finish		
ITL23-A-11	40W	15° 24° 40°	TRIAC 1~10V DALI Non dimma	;	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White		
	Narrow		Me	dium			Wide			
	15°		,	24°			40°			
	_	15° Ra>90		<sup>24</sup> 3000K 2	4° Ra>9	0	_	√ 40° Ra>90		
40W	60	90° H(m) E(lx) 1 1082 60° 2 6090 3 1522 30° 4 1202 5 676	6 0.42 0 0.56 60° 1 1.13 1 1.27 30°	1400 C	90° 60°	H(m) E(lx)  1 6502 2 3657 3 914 4 722 5 406	D(m) 90 0.57 0.76 60 1.53 1.73 2.30	90° H(m 60° 2 3 30° 4 5	2979 1676 419 331 186	1.0 1.4 2.8 3.2 4.3
	Beam angl Output pow Luminous f		C	eam angle Output powe uminous flu			Beam an Output po Luminous	-		

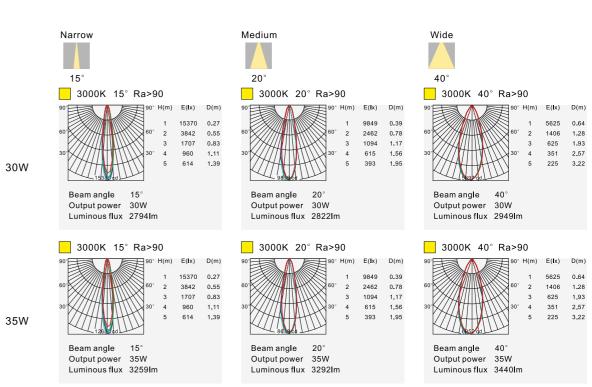
# **ITL-23 Series Spotlight**



W	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-0	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	ССТ	CRI	Installation	Finish
ITL23-B-95	30W 35W	15° 20° 40° 60°	TRIAC Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White



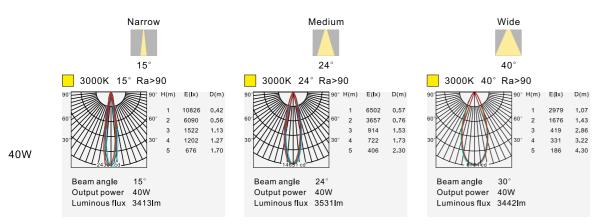
# **ITL-23 Series Spotlight**



W	LM	Opti
3000K-0	CRI 90	
40W	3600	15°
40W	3600	24°
40W	3600	40°



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



	ITL2	3-A-95	ITL23-A-11	ITL2	3-B-95	ITL23-B-11
	30W	35W	40W	30W	35W	40W
Optics						
Narrow 15°	•	•	•		•	
Medium 20°	•					
Medium 24°						
Wide 36°	•	•				
Wide 40°			•		•	
Flood 60°	•	•		•	•	
Colour						
White	•	•	•	•	•	•
Black	•	•	•	•	•	•
Size						
120mm*95mm*173mm	•	•				
130mm*106mm*197mm			•			
12mm*95mm*162mm				•	•	
130mm*106mm*182.5mm						•
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	•	•				

### Notes

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

# **ITL-22 Series Spotlight**

350°Rotatable & 90°adjustabledifferent 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-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.

## Tiltable

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

## **Excellent Heat Dissipation**

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

### 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  $^\circ$ 



IP level



Different color temperatures



Different sizes



Different housing colours

## Optics





20°/24°

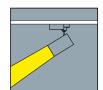
Wide





Flood





## 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 2550|m



## 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









Ø95mm 30W

Ø95mm

50W

Ø95mm 30W

Ø95mm 50W

# **ITL-22 Series Spotlight**



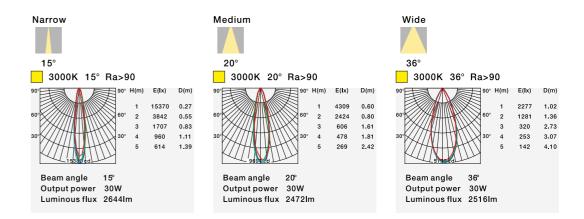
W	LM	Opti
3000K-C	RI 90	
30W	2550	15
30W	2550	209
30W	2550	369
30W	2550	609







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

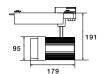


# **ITL-22 Series Spotlight**



w	LM	Optic
3000K-0	CRI 90	
50W	4250	15°
50W	4250	24°
50W	4250	36°

4250



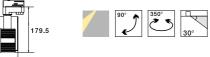
50W



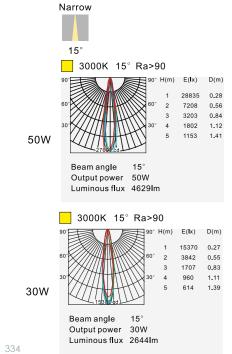


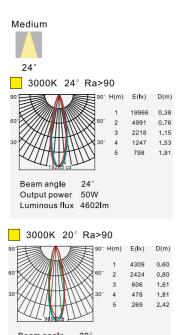
W	LM	Optic
3000K-0	CRI 90	
30W	2550	15°
30W	2550	20°
30W	2550	36°
30W	2550	60°

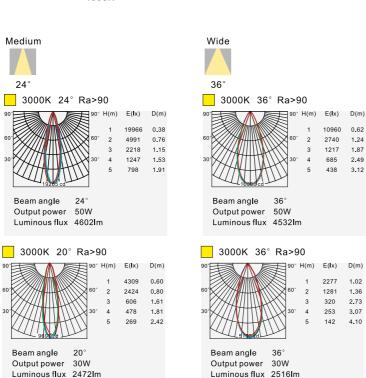




Model	Power	Beam Angle	Dimming Type	CCT	CRI	Installation	Finish
ITL22-A-95	50W	15° 24° 36° 60°	DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
ITL22-B-95	30W	15° 20° 36° 60°	TRIAC Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track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



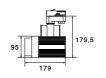




# **ITL-22 Series Spotlight**

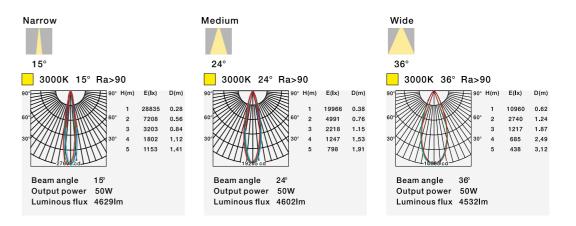


W	LM	Optio
3000K-	CRI 90	
50W	4250	15°
50W	4250	24°
50W	4250	36°
50W	4250	60°





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



	ITL22-A-95		ITL22-B-95		
	30W	50W	30W	50W	
Optics					
Narrow 15°	•	•	•	•	
Medium 20°	•		•		
Medium 24°		•		•	
Wide 36°	•	•	•	•	
Flood 60°	•	•	•	•	
Colour					
White	•	•	•	•	
Black	•	•	•	•	
Size					
120mm*95mm*216mm	•				
179mm*95mm*191mm		•			
129.5mm*95mm*179.5mm			•		
179mm*95mm*179.5mm				•	
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	•	•	•	•	
_ p					

### Notes

# **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.



<sup>-</sup> 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**

## 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 spoting angle.

## **Excellent Heat Dissipation**

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

## Anti-glare

Anti-glare designed lamp body.



High-power LED SDCM<5



Excellent thermal management



EMC - optimised



Different light distributions

Deep anti-dazzle

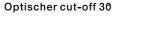


DALI dimming



Different dimming (D)







Tiltable 90°



Horizontal 350°



IP level







Different color temperatures



Different sizes



Different housing colours

## Optics



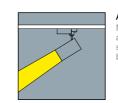
Narrow 15°



Medium 20°/24°







Accentuation accent lighting and spatial lighting for the



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





Ø50mm 7W/10W



Ø66mm 15W/20W/30W



Ø74mm 25W/30W



Ø90mm 35W/40W

# **IT1 Series Spotlight**



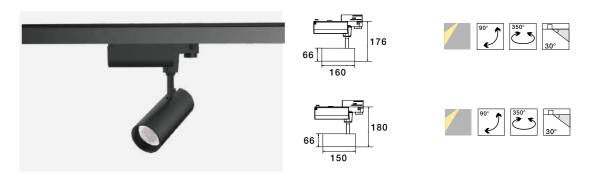
$\overline{w}$	LM	Optic	w	LM	Optic
3000K-	CRI 90		3000K-0	CRI 90	
7W	595	15°	10W	850	15°
7W	595	24°	10W	850	24°
7W	595	36°	10W	850	36°



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



# **IT1 Series Spotlight**



W	LM	Optic	W	LM	Optic		W	LM	Optic
3000K-C	RI 90		3000K-0	CRI 90			3000K-0	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	Dimmin	д Туре	CCT	CRI	Insta	llation	Finish

2700K

3000K

3500K

4000K

Ra>80

1-phase track

2-phase track

3-phase track

Black

White

TRIAC

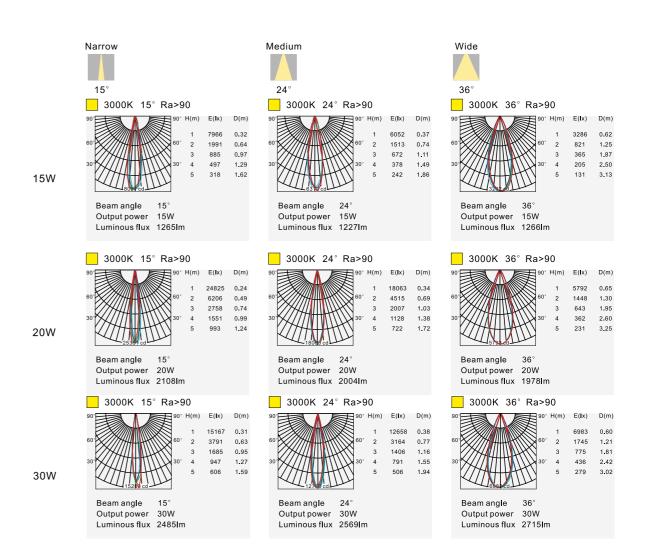
DALI

1-10V

Non dimmable

IT1-66

20W



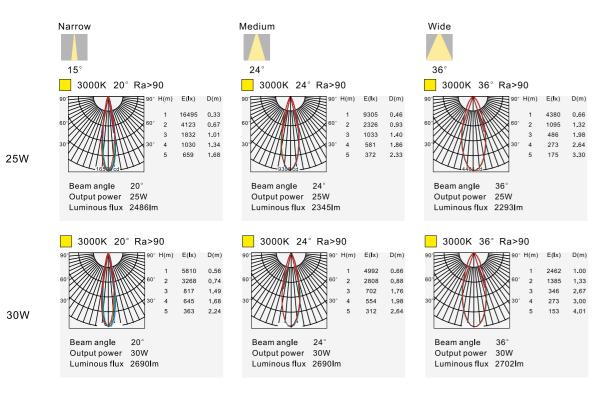
# **IT1 Series Spotlight**





W	LM	Optic	W	LM	Optic
3000K-C	CRI 90		3000K-0	CRI90	
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 30W	20° 24° 36°	TRIAC 1~10V DALI	2700K 3000K 3500K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White



# **IT1 Series Spotlight**



00K-CRI 90 3000K-CRI 90 W 2975 20° 40W 3400 W 2975 24° 40W 3400	20°
	20°
W 2975 24° 40W 3400	
	24°
W 2975 36° 40W 3400	36°
W 2975 36° 40W 3400	

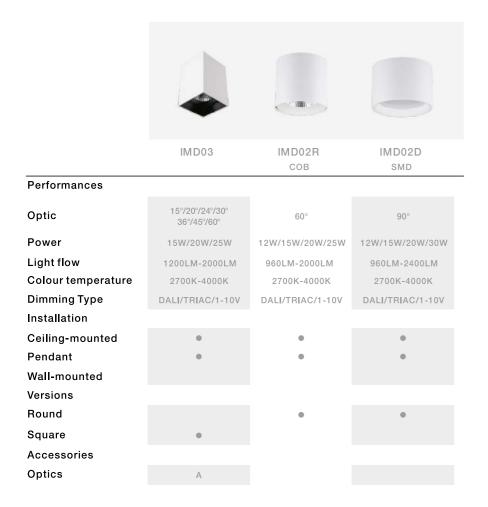
Model	Power	Beam Angle	Dimming Type	ССТ	CRI	Installation	Finish
IT1-90	35W 40W	20° 24° 36°	TRIAC 1~10V DALI Non dimmable	2700K 3000K 3500K 4000K	Ra>80 Ra>90	1-phase track 2-phase track 3-phase track	Black White
Medium			Medium		W	/ide	
20°			24°		.3	36°	
_	0K 20° Ra	>90	3000K 24° Ra>9	0		3000K 36° Ra>	90
60		90° H(m) E(lx) D(m)  1 15370 0.27  60° 2 3842 0.55  3 1707 0.83  30° 4 960 1.11  5 614 1.39	30 963 66 30 30 90	H(m) E(lx)  1 9849 2 2462 3 1094 4 615 5 393	0.39 0.78 1.17 1.56 30*	90	3 625
	angle 20° t power 35W ous flux 3094		Beam angle 24° Output power 35W Luminous flux 3022Im	ı		Beam angle 36° Output power 35W Luminous flux 3149I	m
300	00K 20° Ra	>90	3000K 24° Ra>9	00		3000K 36° Ra>	90
90		90° H(m) E(lx) D(m) 1 10429 0.49 60° 2 5866 0.65 3 1466 1.31 30° 4 1158 1.48 5 651 1.97		H(m) E(lx)  1 7141 2 4017 3 1004 4 793 5 446	D(m) 90° 0.63 0.85 60° 1.70 1.91 30° 2.55	•	1 3586
Beam	angle 20° t power 40W		Beam angle 24° Output power 40W			Beam angle 36° Output power 40W	

		IT1-50	I	IT1-66		IT1-	-74	пт-	-90
	7W	10W	15W	20W	30W	25W	30W	35W	40W
Optics									
Narrow 15°	•	•	•	•	•				
Medium 20°						•	•	•	•
Medium 24°	•	•	•	•	•	•	•	•	•
Wide 36°	•	•	•	•	0	•	•	•	•
Colour									
White	•	•	•	•	•	•	•	•	•
Black	•	•	•	•	•	•	•	•	•
Size									
133mm*50mm*157.5mm	•	•							
160mm*66mm*176mm			•	•					
150mm*66mm*180mm					•				
140mm*74mm*161.5mm						•	•		
140mm*91.5mm*179mm								•	•
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	•	•	•	•	0	•	•	•	•
Installation									
1-phase track	•	•	•	•	•	•	•	•	•
2-phase track	•	•	•	•	•	•	•	•	•
3-phase track	•	•	•	•	•	•	•	•	•

## Notes

<sup>-</sup> 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 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

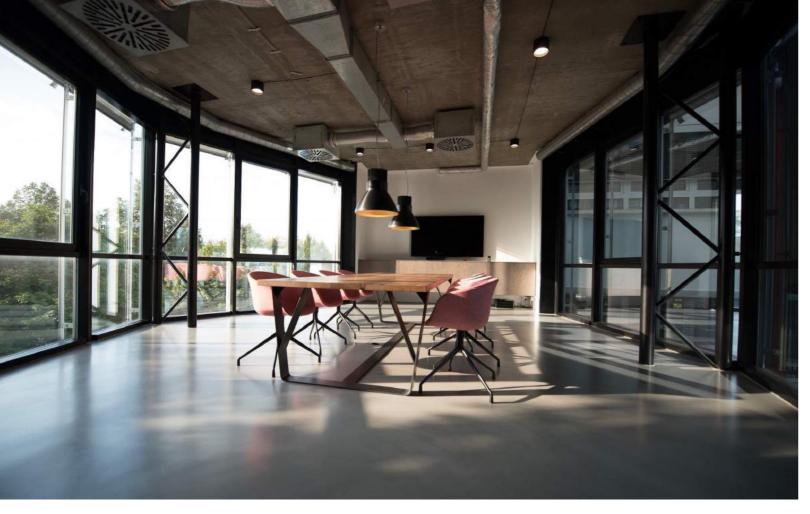


Optischer cut-off 30

Optics



Floo 60°





12W/15W

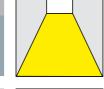
15W/20W

Ambient lighting produced by wide beam light distribution

General lighting

beam light distribution









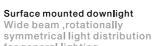
12W-25W

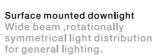
LED

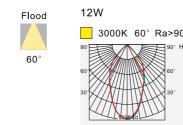
12W-25W

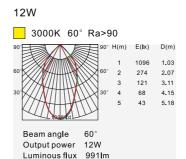
960lm-2000lm

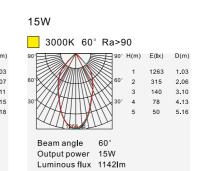
960lm-2000lm











CCT

2700K 3000K

3500K

4000K

CRI

Ra>80





Beam Angle Dimming Type

TRIAC

1-10V

Non dimmable

W	LM	Optic
3000K-CF	190	
12W 15W	960 1200	60°
117	115	30°

Power

12W

15W

Model

IMD02R-A-4

Ø117 H115	Ø170 H137	Ø200 H139	Pendant

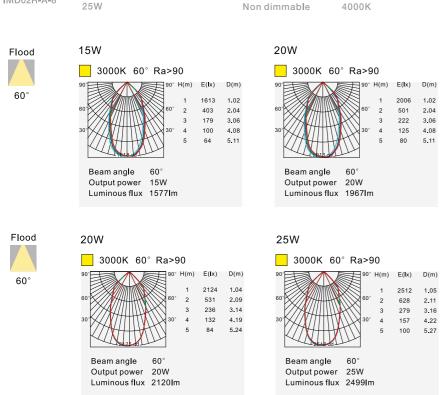
20W/25W

# IMD02R-A Surface Mounted / Pendant Downlights 6/8inch



CRI 90 3000K-CRI 90  1200 60° 20W 1600 60° 1600 60° 25W 2000 60°
1600 60° 25W 2000 60°
200

Model	Power	Beam Angle	Dimming Type	ССТ	CRI
IMD02R-A-6	15W 20W	0.00	DALI TRIAC	2700K 3000K	Ra>80
IMD02R-A-8	20W 25W	60°	1-10V Non dimmable	3500K 4000K	Ra>90

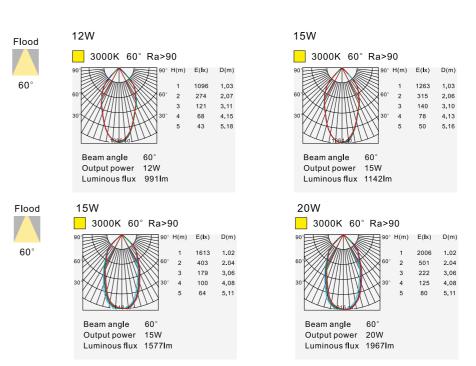


# IMD02R-B Surface Mounted / Pendant Downlights 4/6inch



w	LM	Optic	W	LM	Optic
3000K-C	RI 90		3000K-C	RI 90	
12W	960	60°	15W	1200	60°
15W	1200	60°	20W	1600	60°
1117	1500	30°		1500	30°

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

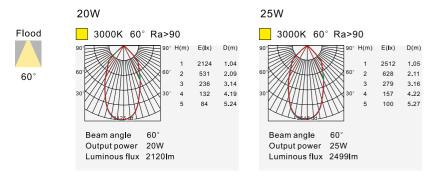


# IMD02R-B Surface Mounted / Pendant Downlights 8inch



W	LM	Optic
3000K-CR	190	
20W	1600	60°
25W	2000	60°
	39	30°

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



Optics Flood 60°  Colour White  Size 117mm*115mm 170mm*137mm 200mm*139mm		15W	15W	20W	• • •	25W	12W	15W	15W	20W	20W	25W
Colour White Size 117mm*115mm 170mm*137mm		0	0	•	•	•	•		•	•	•	
Colour White Size 117mm*115mm 170mm*137mm		0	•	•	•	•	•		•	•	•	
White  Size 117mm*115mm 170mm*137mm		•	•	•	•	•	•	•	•	•	•	•
Size 117mm*115mm 170mm*137mm		•	•	•	•	•	•	•	•	•	•	•
117mm*115mm 170mm*137mm		•	•	•	•							
170mm*137mm		•	•	•	•							
			•	٠	•							
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

# Optimum material

superior PMMA transparent cover, distributing uniform luminous beam

## Anti-glare

Anti-glare designed lamp body.

## Easy installation



High-power LED SCDM<5



DALI dimming



Different color temperatures



Excellent thermal management



TRIAC dimming



Different sizes

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



EMC - optimised



IP level

## Optics





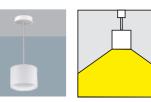
# Ambient lighting produced by wide beam light distribution



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

# 12W-30W 960lm-2400lm





# Surface mounted downlight Wide beam ,rotationally 12W-30W symmetrical light distribution 960Im-2400Im for general lighting.

LED

Ø130 H100 12W/15W

Ø160 H115 15W/20W

Ø195 H130 20W/30W

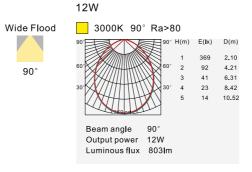
Pendant

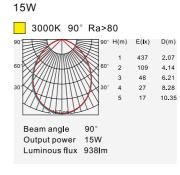
# IMD02D-A **Surface Mounted / Pendant Downlights** 4/6inch

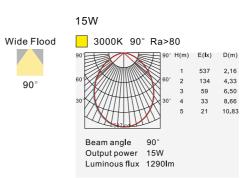


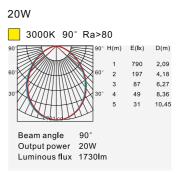
w	LM	Optic	w	LM	Optic
3000K-CI	RI 90		3000K-C	RI 90	
12W	960	90°	15W	1200	90°
15W	1200	90°	20W	1600	90°
	1			7.1	
	100			115	
	<del> </del>			$\downarrow \downarrow$	
130	-1		160	-1	
			100		

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









# IMD02D-A Surface Mounted / Pendant Downlights 8inch



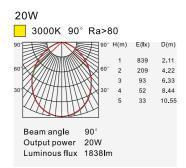
W	LM	Optic
3000K-C	RI 90	
20W	1600	90°
30W	2400	90°

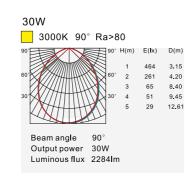




Model	Power	Beam Angle	Dimming Type	CCT	CRI
IMD02D-A-8	20W 30W	90°	Non dimmable DALI TRIAC 1-10V	4000K 2700K 3000K 3500K	Ra>80 Ra>90



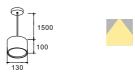




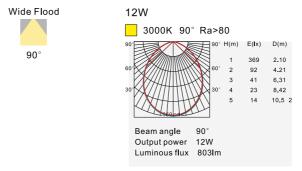
# IMD02D-A Surface Mounted / Pendant Downlights 4inch

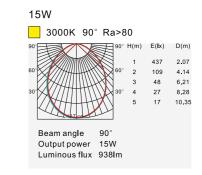


W	LM	Optic
3000K-CF	RI 90	
12W	960	90°
15W	1200	90°



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



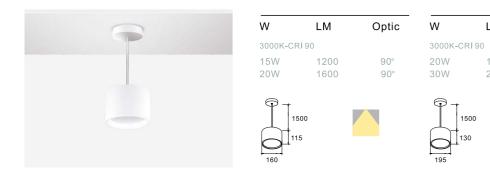


# IMD02R-B **Surface Mounted / Pendant Downlights** 6/8inch

Optic

90° 90°

1600



Output power 20W Luminous flux 1838Im

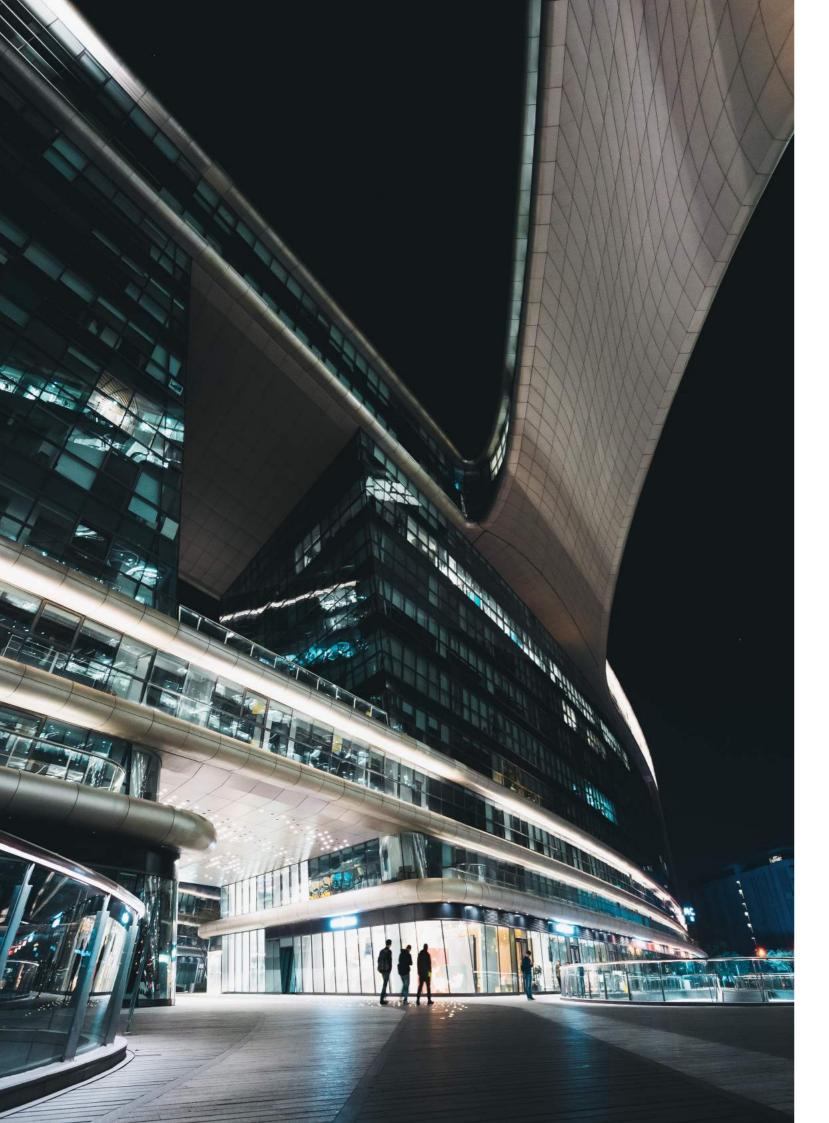
IMD02D-B-6  15W 20W  90°  TRIAC 3000K 1-10V 3500K Non dimmable 4000K  DALI 2700K TRIAC 3000K Non dimmable 4000K  1-10V 3500K Non dimmable 4000K   4000K  Beam angle 90° Angle Plone  90° H(m) E(lx) D(m)	Model	Power	Beam Angle	Dimming Type	CCT	CRI
MD02D-B-8  20W 30W  15W  20W  3000K 90° Ra>80  90° H(m) E(lx) D(m)  60° 2 134 4.33 3 59 6.50 3 3 87 6.27 3	MD02D-B-6		90°	TRIAC 1-10V	3000K 3500K	Ra>80 Ra>90
3000K 90° Ra>80  90° H(m) E(lx) D(m) 1 537 2.16 60° 2 134 4.33 3 59 6.50 30° 4 33 8.66 5 21 10.83  Beam angle 90° Output power 15W  3000K 90° Ra>80  90° H(m) E(lx) D(m) 60° 2 197 4.18 60° 30° 4 498 8.36 5 30° 4 50° 5 31 10.45	MD02D-B-8		90°	TRIAC 1-10V	3000K 3500K	Ra>80 Ra>90
Wide Flood  90° H(m) E(lx) D(m)  90° H(m) E(lx) D(m)  90° H(m) E(lx) D(m)  90° H(m) E(lx) D(m)  1 537 2.16  60° 2 134 4.33 3 59 6.50 30° 4 33 8.66 5 21 10.83  Beam angle 90° Output power 15W  Output power 20W		15W		20W		
Luminous flux 1290lm Luminous flux 1730lm		Beam angle Output power	90° H(m) E(lx) D(m) 1 537 2.16 60° 2 134 4.33 3 59 6.50 30° 4 33 8.66 5 21 10.83	90 60 30 Beam angle 90°	" H(m) E(lx) D(m) 1 790 2.09 " 2 197 4.18 3 87 6.27 " 4 49 8.36 5 31 10.45	
20W 300K 90° Ra>80  90° H(m) E(k) D(m) 1 839 2.11 60° 2 209 4.22 3 93 6.33 30° 4 52 8.44 5 33 10.55  30W  90 H(m) E(k) D(m) 60° 2 209 4.22 3 93 6.33 3 93 6.33 3 65 8.40 30° 4 51 9.45 5 29 12.61		3000K	90° H(m) E(lx) D(m) 1 839 2.11 60° 2 209 4.22 3 93 6.33 30° 4 52 8.44	3000K 90° Ra>	" H(m) E(lx) D(m)  1 464 3.15 " 2 261 4.20 3 65 8.40 " 4 51 9.45	

Luminous flux 2284Im

	IMD0	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 lunimaires. Terms and Condition

- 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**

### **IINNO Ltd**

Unit 04-05, 16th Floor, The Broadway No. 54-62 Lockhart Road, Wanchai, Hong Kong Tel: +852 2134 9906 +86 (0)769 23010151/2

M: +86 13922905402 Email: sales@iinno-lighting.com www.iinno-lighting.com











