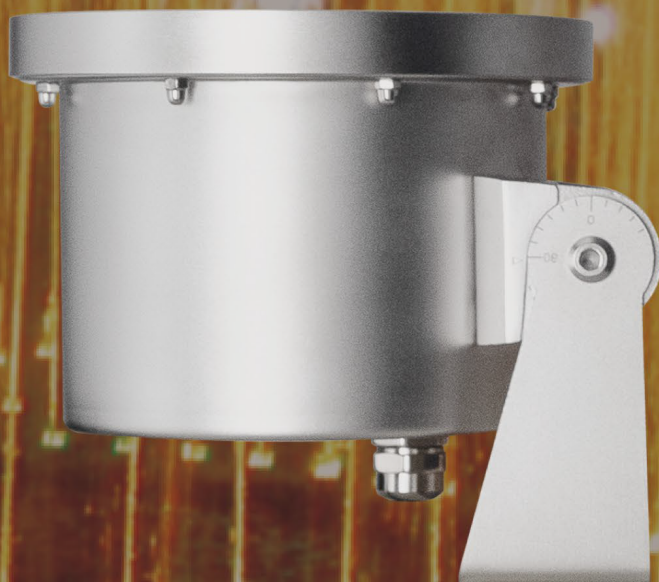




Landscape underwater spot light

Designing your lighting solutions



Common feature

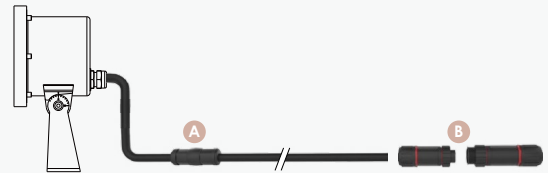
Upgraded materials and waterproof performance

A Water-Stopper(Included)

The luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire. That's why the device is required to block the entry of water vapor.

B IP68 Jiffy quick plug/socket connector(Option)

To prevent water vapor into luminaire via wire which had been cut, the air contains lots of steams when raining, spray or in humid environment, the luminaire will generate high temperature when used, which will generate negative pressure when the power is turned off also brings water vapor into the luminaire.



Housing whole set made by stainless steel 316L

- 316L stainless steel housing(marine grade) are used in all series products.



Underwater LED Spotlight IP68



ITEM
B5XA0681

LIGHT SOURCE
6×1.5W

SELECTED DEGREE(°)Ø1/2
B71 / 24°

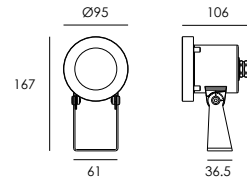
INPUT VOLTAGE(V)
DC 24

OPERATING CURRENT(MA)
416

CONSUMPTION(W)
10

LUMINANCE(LM)
800

IK
08



ITEM
B5YA0365

LIGHT SOURCE
3×5.5W

SELECTED DEGREE(°)Ø1/2
B33 / 24°(20°)

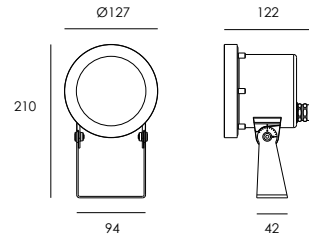
INPUT VOLTAGE(V)
DC 24

OPERATING CURRENT(MA)
830

CONSUMPTION(W)
20

LUMINANCE(LM)
1428

IK
08



ITEM
B5ZA0665

LIGHT SOURCE
6×4.5W

SELECTED DEGREE(°)Ø1/2
B33 / 24°(20°)

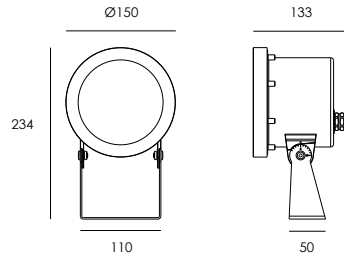
INPUT VOLTAGE(V)
DC 24

OPERATING CURRENT(MA)
1250

CONSUMPTION(W)
30

LUMINANCE(LM)
2581

IK
08



ITEM
B5DA1259

LIGHT SOURCE
12×3.5W

SELECTED DEGREE(°)Ø1/2
B33 / 24°(20°)

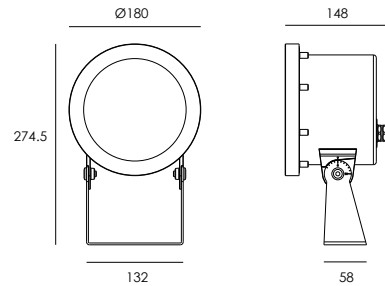
INPUT VOLTAGE(V)
DC 24

OPERATING CURRENT(MA)
1850

CONSUMPTION(W)
45

LUMINANCE(LM)
3872

IK
08



ITEM
B5UA1265

LIGHT SOURCE
12×5W

SELECTED DEGREE(°)Ø1/2
B33 / 24°(20°)

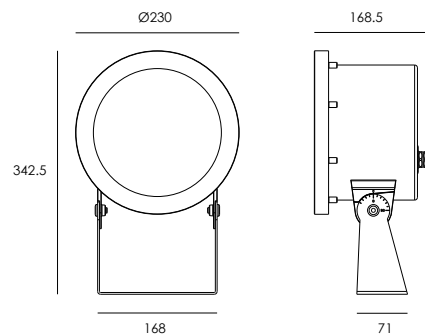
INPUT VOLTAGE(V)
DC 24

OPERATING CURRENT(MA)
2860

CONSUMPTION(W)
68.5

LUMINANCE(LM)
5562

IK
08





Underwater LED Spotlight IP68

WATER PROOF SOLUTION



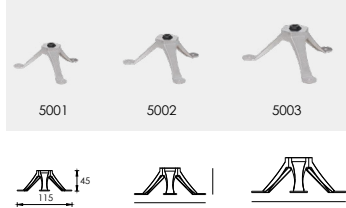
- A Water-Stopper(Included)**
A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP68 Jiffy quick plug/socket connector(Option)**
A IP-68 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

FRONT COVER & HOUSING	Hard chromeplated molding shaped stainless steel SUS 316#
LIGHT WINDOW	PMMA 8mm
GASKET	Silicone gasket
LED	Nichia
CABLE GLAND	IP68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum.coefficient of heatConductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm ² with water-stopper, L=1m, 3m, 5m
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
OPERATING TEMPERATURE	Temperature of water between -20°C~40°C less than 1 meter depth.
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPTICS		Referenced Degree(°)91/2				
	B71	15°	24°	33°	45°	60°
	B33	9°	15°	20°	45°	60°

ACCESSORIES(Optional)

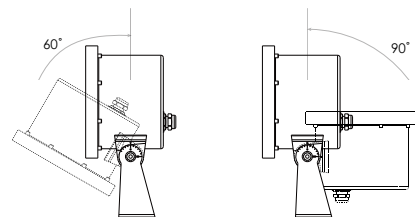
TRIPOD



ID	Fitted Item
5001	B5XA0681
5002	B5YA0365
5003	B5ZA0665 B5DA1259 B5UA1265



ADJUSTABLE BEAM DIRECTION

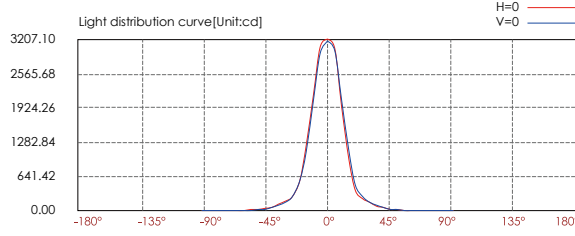
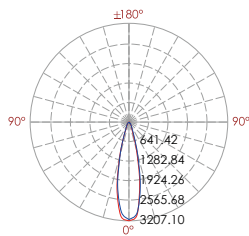
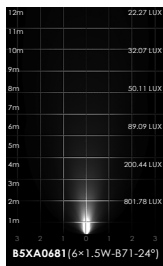


OVERVIEW



Underwater LED Spotlight IP68

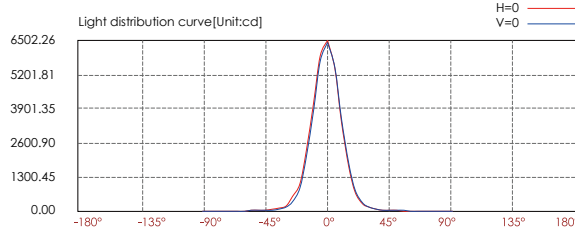
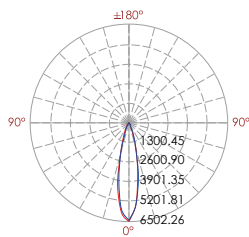
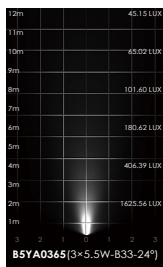
PHOTOMETRIC CURVES



Light distribution curve

Center beam LUX	Beam width V	H
2m	0.9m	0.9m
4m	1.8m	1.8m
6m	2.7m	2.7m
8m	3.5m	3.6m
10m	4.4m	4.5m
12m	5.3m	5.3m

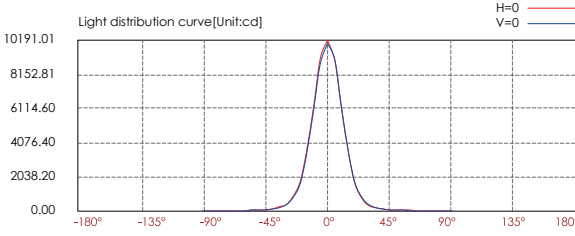
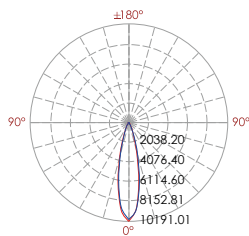
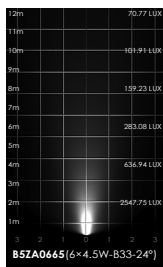
Ver.Spread: 25.0 Horiz.Spread: 25.1



Light distribution curve

Center beam LUX	Beam width V	H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.5m	2.4m
8m	3.3m	3.2m
10m	4.1m	4.0m
12m	4.9m	4.9m

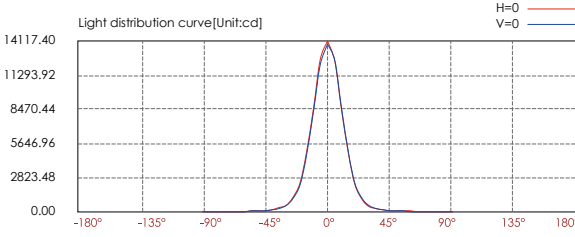
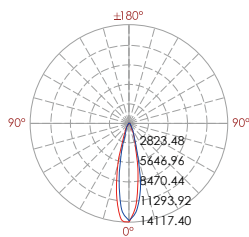
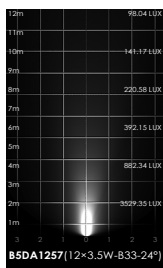
Ver.Spread: 23.2 Horiz.Spread: 22.9



Light distribution curve

Center beam LUX	Beam width V	H
2m	0.9m	0.9m
4m	1.7m	1.7m
6m	2.6m	2.6m
8m	3.5m	3.4m
10m	4.3m	4.3m
12m	5.2m	5.1m

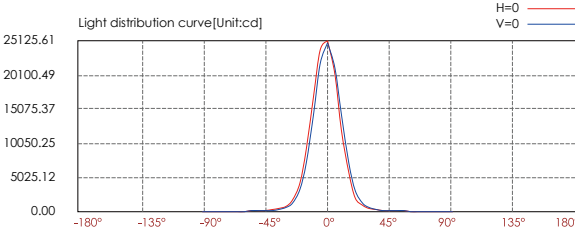
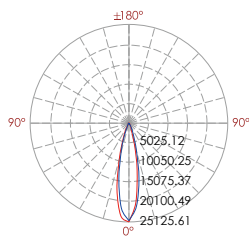
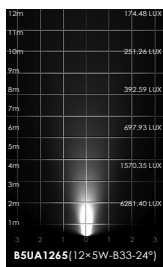
Ver.Spread: 24.4 Horiz.Spread: 24.2



Light distribution curve

Center beam LUX	Beam width V	H
2m	0.9m	0.9m
4m	1.7m	1.7m
6m	2.6m	2.6m
8m	3.5m	3.4m
10m	4.3m	4.3m
12m	5.2m	5.1m

Ver.Spread: 24.1 Horiz.Spread: 24.1



Light distribution curve

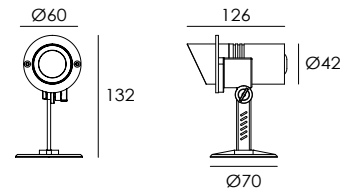
Center beam LUX	Beam width V	H
2m	0.8m	0.8m
4m	1.6m	1.6m
6m	2.4m	2.4m
8m	3.2m	3.2m
10m	4.0m	4.0m
12m	4.8m	4.8m

Ver.Spread: 22.8 Horiz.Spread: 22.8

Small Type Underwater LED Spotlight IP68



ITEM	B5AF0159
LIGHT SOURCE	1×3.6W OSRAM
SELECTED DEGREE(°)Ø1/2	B73 / 30°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	210
CONSUMPTION(W)	5
LUMINANCE(LM)	CW=426 WW=322
IK	06



•Warning : Must be installed under the water to prevent the light from being burnt off because of over-heating.

WATER PROOF SOLUTION

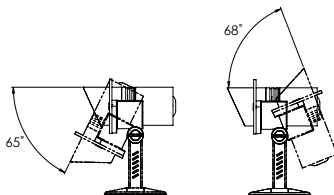


- A Water-Stopper(Included)**
A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.
- B IP68 Jiffy quick plug/socket connector(Optional)**
A IP-68 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

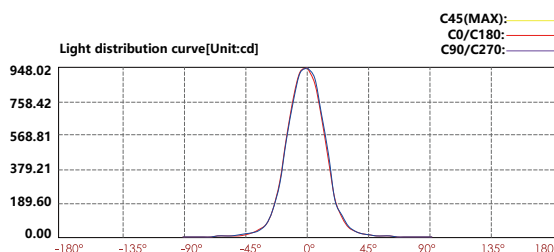
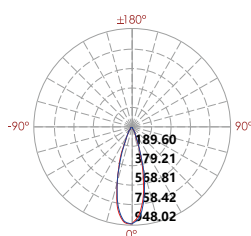
HOUSING	Hard chromeplated Molding shaped stainless steel SUS 316#
FRONT COVER	Hard chromeplated Stainless steel SUS 316#
LIGHT WINDOW	Step tempered glass.T=8mm
WATERPROOF SEAL	EPDM gasket
LENS	Separate OPTICS lens efficiency≥85%
CABLE GLAND	IP68 M1 6a copper with nickel-coated
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm ² with water-stopper, L=1m, 3m, 5m
OPERATING TEMPERATURE	Temperature of water between -20°C~40°C less than 1 meter depth
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

		Referenced Degree(°)Ø1/2				
	B33	9°	15°	20°	45°	60°
	B73	30°				

ADJUSTABLE BEAM DIRECTION



PHOTOMETRIC CURVES



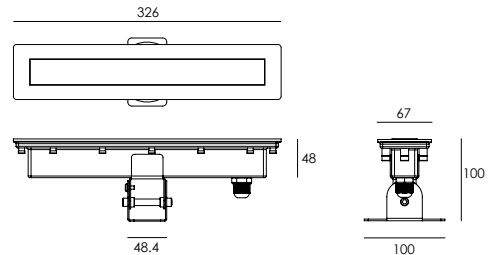
Center beam LUX	Illuminance at a distance	
	Beam width V	H
2m	235.63 LUX	1.1m 1.1m
4m	58.91 LUX	2.2m 2.2m
6m	26.18 LUX	3.3m 3.3m
8m	14.73 LUX	4.4m 4.5m
10m	9.43 LUX	5.5m 5.6m
12m	6.55 LUX	6.6m 6.7m

Ver.Spread:30.6 Horiz.Spread:31.2

Underwater LED Spotlight IP68



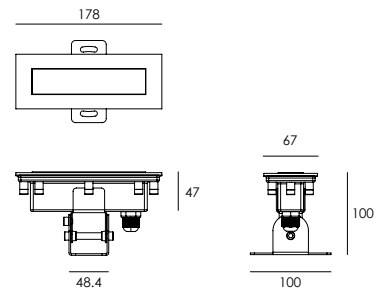
ITEM	B5QA0658
LIGHT SOURCE	6×3W NICHIA
SELECTED DEGREE(°)Ø1/2	B27 / 30°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	950
CONSUMPTION(W)	22.8
LUMINANCE(LM)	CW=1578 WW=1324
IK	10



• **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

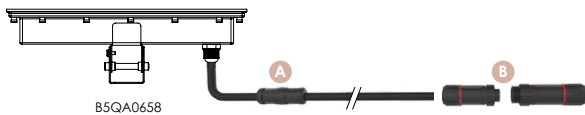


ITEM	B5QA0358
LIGHT SOURCE	3×3.4W NICHIA
SELECTED DEGREE(°)Ø1/2	B27 / 30°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	535
CONSUMPTION(W)	12.8
LUMINANCE(LM)	1000
IK	09



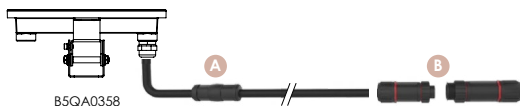
• **Warning** : Must be installed under the water to prevent the light from being burnt off because of over-heating.

WATER PROOF SOLUTION



B5QA0658

A Water-Stopper (Included)
A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.



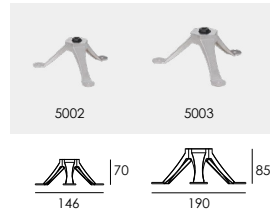
B5QA0358

B IP68 Jiffy quick plug/socket connector (Option)
A IP-68 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

Underwater LED Spotlight IP68

ACCESSORIES(Optional)

TRIPOD



ID	Fitted Item
5002	B5QA0358
5003	B5QA0658

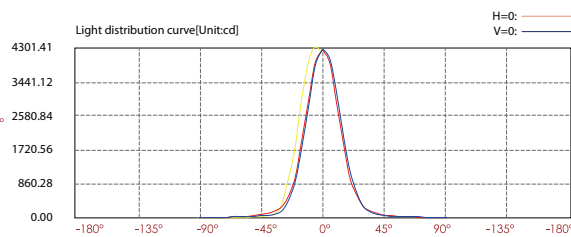
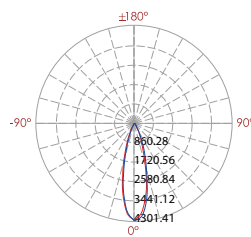


HOUSING	Hard chromeplated molding shaped stainless steel SUS 316L#
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	UVstop & Fireproof PC
GASKET	Silicone gasket
LENS	OPTICS lens, efficiency≥85%
BRACKET	SUS 316L#
LED	NICHIA
LED DRIVER	Constant Voltage Input, Constant Current Output
CABLE GLAND	IP68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm ² with water-stopper, L=1m, 3m, 5m
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
APPLICATION ENVIRONMENT	Temperature of water between -20°C~40°C less than 1 meter depth
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPTICS Referenced Degree(°)91/2

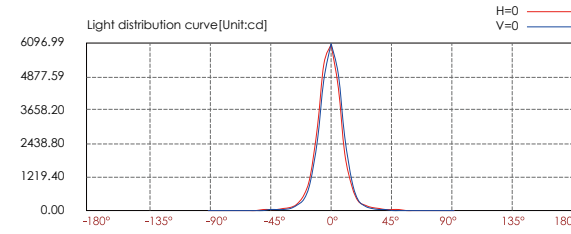
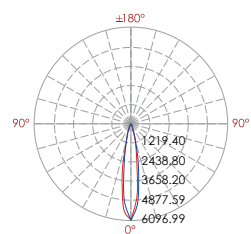
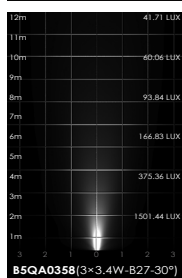
	B26	8°		
	B27	15°	25°	30°

PHOTOMETRIC CURVES



Center beam LUX	Beam width	
	V	H
2m	1.0m	1.0m
4m	2.0m	2.0m
6m	2.9m	3.0m
8m	3.0m	4.0m
10m	4.9m	4.9m
12m	5.9m	5.9m

Ver.Spread:27.6 Horiz.Spread:28.8



Center beam LUX	Beam width	
	V	H
2m	0.6m	0.6m
4m	1.3m	1.3m
6m	1.9m	1.9m
8m	2.5m	2.6m
10m	3.2m	3.2m
12m	3.8m	3.8m

Ver.Spread:18.0 Horiz.Spread:18.2

Contact details

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