



# Landscape recessed pool light

Designing your lighting solutions



# Common feature

## All products are equipped with water-stopper and optional waterproof connector

- To accord with the increase of new water-stopper assembly, recessed sleeves of each product are generally amplified that cables, a IP-67 water-stopper and a IP-68 connector can be contained.

### **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(Optional)**

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.



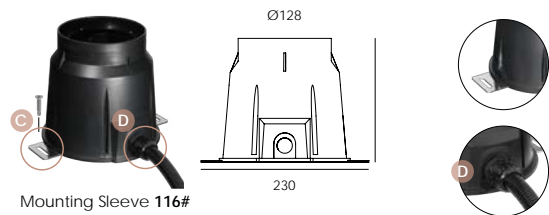
- New recessed sleeves are designed to keep the water inside for luminaire cooling.
- These appliances prevent pool water entering the wave tube, the antiseptic (chlorine) in the pool will corrode the surface of wires (rubber or silicone).

### **C Installation fixture:**

Stainless steel 316L, can be fixed in one position during construction. (this product does not include wave tube)

### **D Wave tube fixing buckle:**

It is mainly used to firm the connection position of the wave tube and plastic sleeve; with waterproof function, protect the waterproof connector is not damaged by external forces and prevents water from flowing out, which might affect heat dissipation.



## Housing whole set made by stainless steel 316L

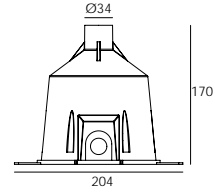
- 316L stainless steel housing(marine grade) are used in all series products.
- Water-leading holes are added on front covers to lead water in and create circulating cooling system.
- Marine grade 316L stainless steel is mainly used, 316L as auxilliary.



# Recessed Pool Light IP68



<b>ITEM</b>	B4AC0158F
<b>LIGHT SOURCE</b>	1x2.2W OSRAM
<b>LENS</b>	B15
<b>SELECTED DEGREE(°)θ1/2</b>	30°
<b>INPUT VOLTAGE(V)</b>	DC 24
<b>OPERATING CURRENT(MA)</b>	125
<b>CONSUMPTION(W)</b>	3
<b>LUMINANCE(LM)</b>	CW=200 WW=185
<b>IK</b>	07



## WATER PROOF SOLUTION



**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.

**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.



## SLEEVE (Included)



Mounting Sleeve 120#

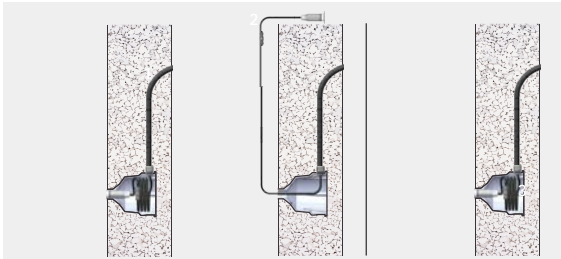
**Fixator:** Easier mounting sleeve installment.

**IP68 cable gland:** Prevents water from getting into the cable tube.  
※ Please prepare your own cable tube.

<b>FRONT COVER &amp; HOUSING</b>	Molding shaped sus 316# stainless steel housing
<b>LIGHT WINDOW</b>	Step tempered glass. T=4mm
<b>CABLE GLAND</b>	IP68 PG-11 copper with nickel-coated
<b>GASKET</b>	EPDM gasket
<b>RECESSED SLEEVE</b>	PC/ABS ALLOYS 120#
<b>LENS</b>	OPTICS lens, efficiency≥85%
<b>PCB</b>	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output Build inside
<b>OPERATING TEMPERATURE</b>	Temperature of water between -20°C~40°C less than 1 meter depth
<b>POWER CABLE OPTIONAL</b>	Outside of luminaire H07RN-F 2x1.0mm <sup>2</sup> with water-stopper, L=1m, 3m, 5m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

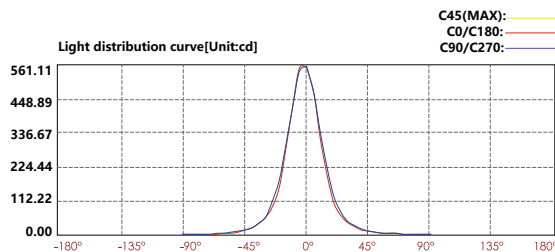
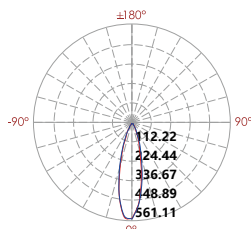
## OPTICS

		Referenced Degree(°)θ1/2		
B15	10°	20°	30°	



- 1 Power cable must be higher than water.
- 2 With certainable length for maintainance at shore.
- 3 The light must stay under water to prevent the chip from overheating.

## PHOTOMETRIC

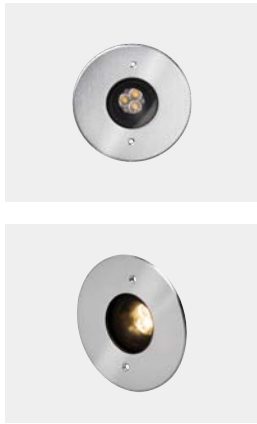


**Lux distance cure**

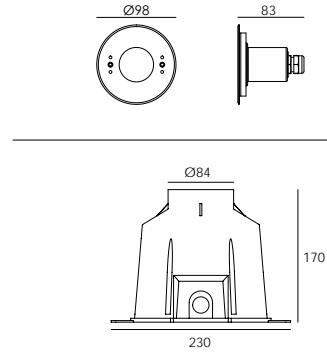
Illuminance at a distance			
Center beam LUX	Beam width V	Beam width H	
2m 138.02 LUX	0.9m	1.0m	
4m 34.51 LUX	1.9m	2.0m	
6m 15.34 LUX	2.8m	3.0m	
8m 8.63 LUX	3.8m	4.0m	
10m 5.52 LUX	4.7m	5.0m	
12m 3.83 LUX	5.6m	6.0m	

Ver.Spread:26.5 Horiz.Spread:27.9

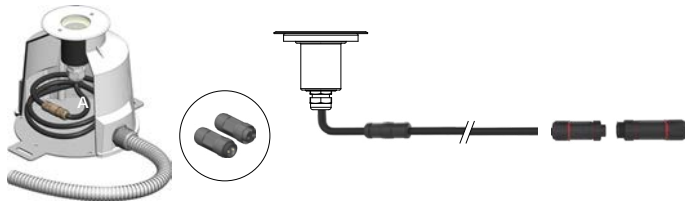
# Wall Recessed Pool Light IP68



ITEM	A4AA0358F
LIGHT SOURCE	3×2.2W OSRAM
LENS	A8
SELECTED DEGREE(°)θ1/2	30°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	305
CONSUMPTION(W)	7.4
LUMINANCE(LM)	CW=520 WW=443
IK	07



## WATER PROOF SOLUTION



**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.

**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.

## SLEEVE (Included)



Mounting Sleeve 117#

**Fixator:** Easier mounting sleeve installment.

**IP68 cable gland:** Prevents water from getting into the cable tube.  
※ Please prepare your own cable tube.

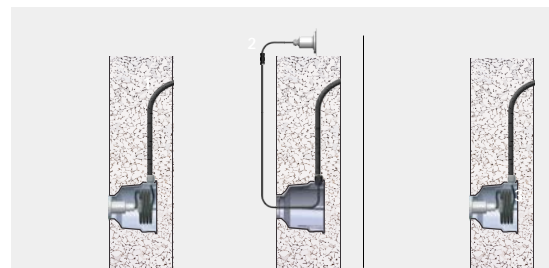
FRONT COVER & HOUSING	Hard chromeplated molding shaped SUS 316L# stainless steel housing
LIGHT WINDOW	Step tempered glass. T=8mm
CABLE GLAND	IP68 PG-11 copper with nickel-coated
GASKET	EPDM gasket
RECESSED SLEEVE	PC/ABS ALLOYS 117#
LENS	All-in-one OPTICS lens, efficiency≥85%
PCB	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	Temperature of water between -20°C~40°C less than 1 meter depth
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm² with water-stopper, L=1m, 3m, 5m
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

## OPTICS



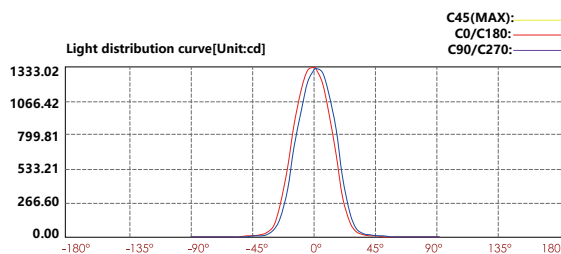
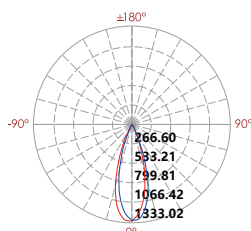
A8 | 15° | 30°

## Referenced Degree(°)θ1/2



- 1 Power cable must be higher than water.
- 2 With certainable length for maintenance at shore.
- 3 The light must stay under water to prevent the chip from overheating.

## PHOTOMETRIC



## Lux distance cure

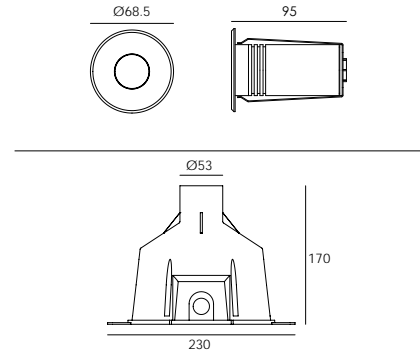
Illuminance at a distance			
Center beam LUX	Beam width V	H	
2m	333.26 LUX	1.2m	1.2m
4m	83.31 LUX	2.4m	2.4m
6m	37.03 LUX	3.6m	3.6m
8m	20.83 LUX	4.7m	4.7m
10m	13.33 LUX	5.9m	5.9m
12m	9.26 LUX	7.1m	7.1m

Ver.Spread:33.0 Horiz.Spread:33.1

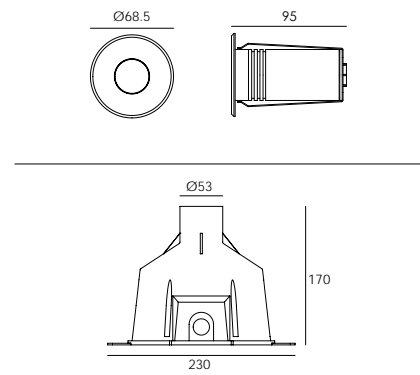
# Recessed Pool Light IP68



ITEM  
B4A0159F  
LIGHT SOURCE  
1×3.6W OSRAM  
LENS  
B73  
SELECTED DEGREE(°)θ1/2  
30°  
INPUT VOLTAGE(V)  
DC 24  
OPERATING CURRENT(MA)  
210  
CONSUMPTION(W)  
5  
LUMINANCE(LM)  
CW=426 WW=322  
IK  
06



ITEM  
C4A0159F  
LIGHT SOURCE  
1×3.6W OSRAM  
LENS  
C9  
SELECTED DEGREE(°)θ1/2  
45°  
35°  
INPUT VOLTAGE(V)  
DC 24  
OPERATING CURRENT(MA)  
210  
CONSUMPTION(W)  
5  
LUMINANCE(LM)  
CW=416 WW=316  
IK  
06



## WATER PROOF SOLUTION



**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.

**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.

## SLEEVE (Included)



Mounting Sleeve 115#

**Fixator:** Easier mounting sleeve installment.

**IP68 cable gland:** Prevents water from getting into the cable tube.  
※ Please prepare your own cable tube.

FRONT COVER & HOUSING	Hard chromeplated molding shaped stainless steel SUS 316#
LIGHT WINDOW	Step tempered glass. T=8mm
GASKET	Silicone Gasket
RECESSED SLEEVE	PC/ABS ALLOYS 115#
LENS	OPTICS lens,efficiency≥85%
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 <sup>2</sup> 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

## OPTICS

		Referenced Degree(°)θ1/2				
	B33	9°	15°	20°	45°	60°
	B73	30°				
	C9	45° 35°				

# Recessed Pool Light IP68

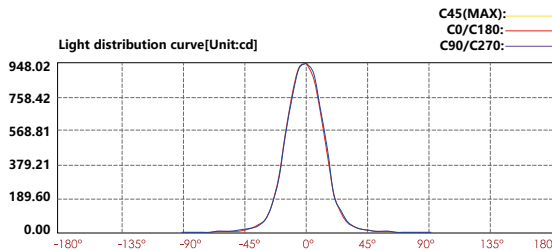
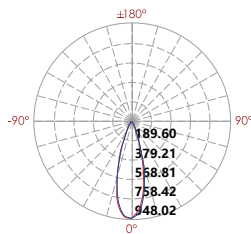
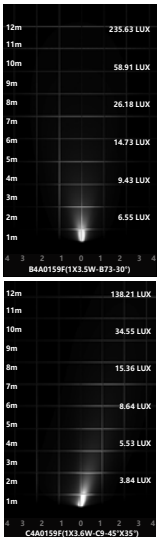


- 1 Power cable must be higher than water.
- 2 With certainable length for maintenance at shore.
- 3 The light must stay under water to prevent the chip from overheating.

B4A0158F

C4A0158F

## PHOTOMETRIC



Lux distance cure

Center beam LUX	Beam width	
	V	H
2m	1.1m	1.1m
4m	2.2m	2.2m
6m	3.3m	3.3m
8m	4.4m	4.5m
10m	5.5m	5.6m
12m	6.6m	6.7m

Ver.Spread:30.6 Horiz.Spread:31.2

Lux distance cure

Center beam LUX	Beam width	
	V	H
2m	0.6m	0.7m
4m	1.3m	1.5m
6m	1.9m	2.2m
8m	2.6m	2.9m
10m	3.2m	3.7m
12m	3.9m	4.4m

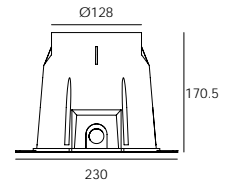
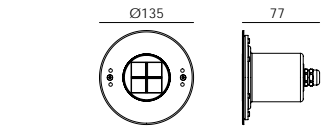
Ver.Spread:18.3 Horiz.Spread:20.8



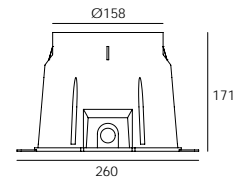
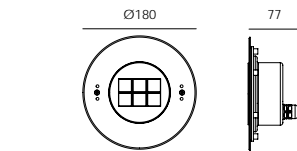
# Recessed Pool Light IP68



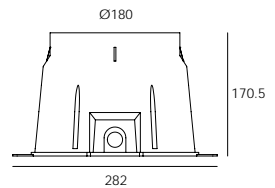
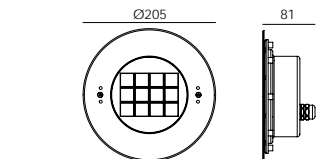
<b>ITEM</b>	B4XCA0458F
<b>LIGHT SOURCE</b>	4×2.7W OSRAM
<b>LENS</b>	FB13B6
<b>SELECTED DEGREE(°)Ø1/2</b>	20°
<b>INPUT VOLTAGE(V)</b>	DC 24
<b>OPERATING CURRENT(MA)</b>	510
<b>CONSUMPTION(W)</b>	12.2
<b>LUMINANCE(LM)</b>	997
<b>IK</b>	08



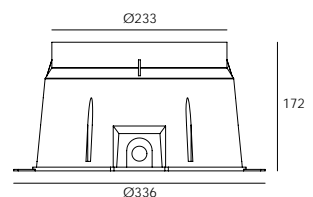
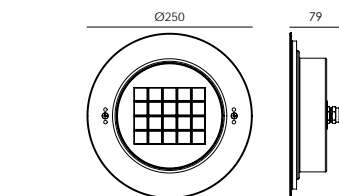
<b>ITEM</b>	B4YBA0658F
<b>LIGHT SOURCE</b>	6×3W OSRAM
<b>LENS</b>	FB14B7
<b>SELECTED DEGREE(°)Ø1/2</b>	20°
<b>INPUT VOLTAGE(V)</b>	DC 24
<b>OPERATING CURRENT(MA)</b>	1020
<b>CONSUMPTION(W)</b>	24.5
<b>LUMINANCE(LM)</b>	1354
<b>IK</b>	08



<b>ITEM</b>	B4ZBA1258F
<b>LIGHT SOURCE</b>	12×2.5W OSRAM
<b>LENS</b>	FB13B6
<b>SELECTED DEGREE(°)Ø1/2</b>	20°
<b>INPUT VOLTAGE(V)</b>	DC 24
<b>OPERATING CURRENT(MA)</b>	1520
<b>CONSUMPTION(W)</b>	36.5
<b>LUMINANCE(LM)</b>	2522
<b>IK</b>	08



<b>ITEM</b>	B4FBA2058F
<b>LIGHT SOURCE</b>	20×3W OSRAM
<b>LENS</b>	FB13B6 / FB14B7
<b>SELECTED DEGREE(°)Ø1/2</b>	20°
<b>INPUT VOLTAGE(V)</b>	DC 24
<b>OPERATING CURRENT(MA)</b>	3050
<b>CONSUMPTION(W)</b>	73.2
<b>LUMINANCE(LM)</b>	5561
<b>IK</b>	10



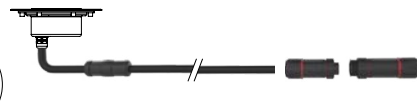
# Recessed Pool Light IP68

## WATER PROOF SOLUTION

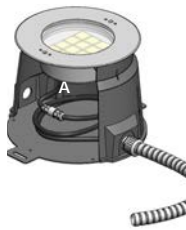
### SLEEVE (Included)



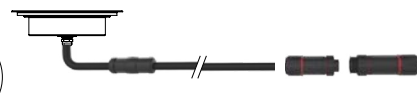
B4XCA0458F  
Mounting Sleeve 116#



B4YBA0658F  
Mounting Sleeve 118#



B4ZBA1258F  
Mounting Sleeve 119#



B4FBA2058F  
Mounting Sleeve 179#



### 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.

### 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.



**Fixator:** Easier mounting sleeve installment.

**IP68 cable gland:** Prevents water from getting into the cable tube.

※ Please prepare your own cable tube.

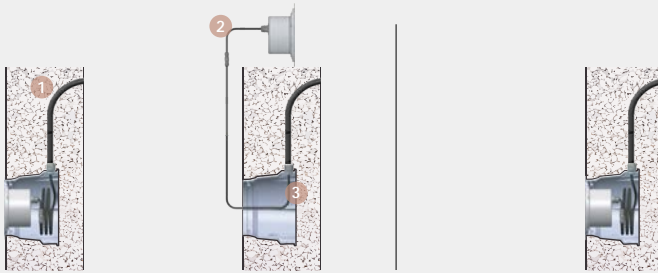
<b>FRONT COVER &amp; HOUSING</b>	Hard chromeplated molding shaped stainless steel SUS 316L#
<b>LIGHT WINDOW</b>	B4XCA0458F, B4YBA0658F: step tempered glass. T=8mm B4ZBA1258F, B4FBA2058F: step tempered glass. T=10mm
<b>CABLE GLAND</b>	IP68 PG-11 copper with nickel-coated
<b>GASKET</b>	Silicone gasket
<b>RECESSED SLEEVE</b>	B4XCA0458F: PC/ABS ALLOYS 116# B4YBA0658F: PC/ABS ALLOYS 118# B4ZBA1258F: PC/ABS ALLOYS 119# B4FBA2058F: PC/ABS ALLOYS 179#
<b>LENS</b>	All-in-one OPTICS lens, efficiency≥85%
<b>PCB</b>	Excellent heat conductivity aluminum, coefficient of heatConductivity≥2.0w/mk
<b>LED DRIVER</b>	Constant Voltage Input, Constant Current Output
<b>OPERATING TEMPERATURE</b>	Temperature of water between -20°C~40°C less than 1 meter depth
<b>BUILT-IN OVERHEAT SENSOR SYSTEM</b>	Automatic Shutdown at 75°C
<b>POWER CABLE OPTIONAL</b>	Outside of luminaire H07RN-F 2×1.0mm <sup>2</sup> with water-stopper, L=1m, 3m, 5m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

### OPTICS Referenced Degree(°)91/2

	<b>FB13B6</b>	20°	50°
	<b>FB14B7</b>	20°	50°

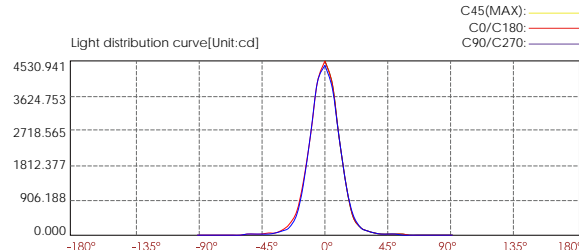
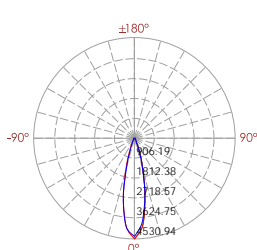
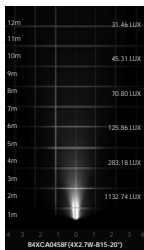


# Recessed Pool Light IP68



- 1 Power cable must be higher than water.
- 2 With certainable length for maintenance at shore.
- 3 The light must stay under water to prevent the chip from overheating.

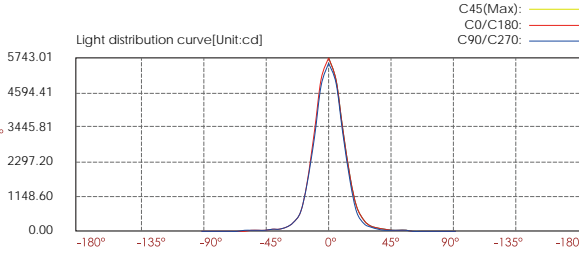
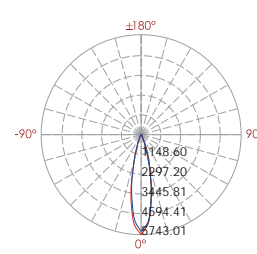
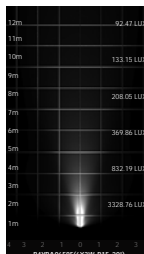
## PHOTOMETRIC



### Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	1132.74 LUX	0.8m	0.8m	
4m	283.18 LUX	1.6m	1.6m	
6m	125.86 LUX	2.4m	2.4m	
8m	70.80 LUX	3.3m	3.2m	
10m	45.31 LUX	4.1m	4.1m	
12m	31.46 LUX	4.9m	4.9m	

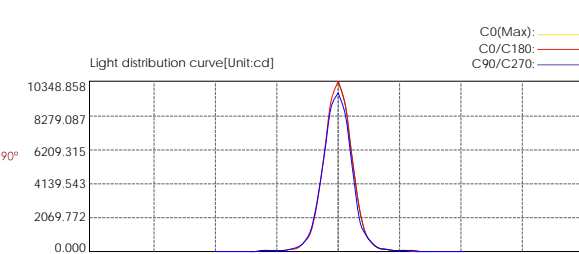
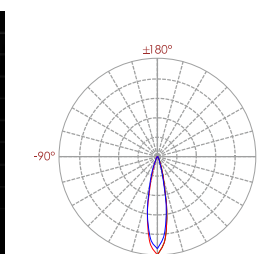
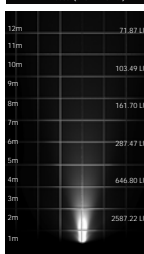
Vert.Spread:23.0 Horiz.Spread:23.1



### Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	1435.75 LUX	0.8m	0.8m	
4m	358.94 LUX	1.7m	1.6m	
6m	159.53 LUX	2.5m	2.4m	
8m	89.73 LUX	3.3m	3.2m	
10m	57.43 LUX	4.2m	4.0m	
12m	39.88 LUX	5.0m	4.8m	

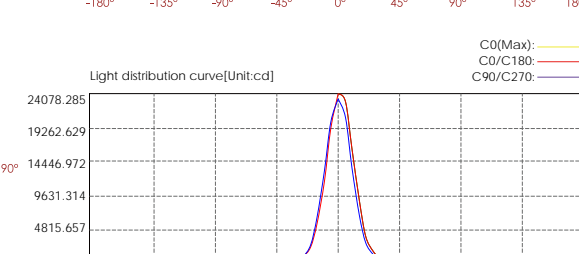
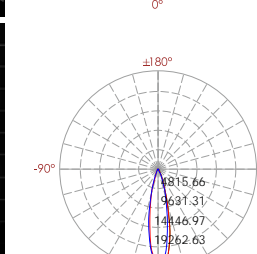
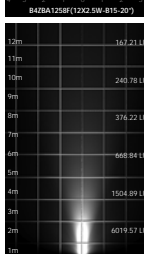
Vert.Spread: 23.6 Horiz.Spread: 22.7



### Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	2587.22 LUX	0.8m	0.8m	
4m	646.80 LUX	1.7m	1.6m	
6m	287.47 LUX	2.5m	2.4m	
8m	161.70 LUX	3.3m	3.2m	
10m	103.49 LUX	4.2m	4.0m	
12m	71.87 LUX	5.0m	4.8m	

Vert.Spread:22.5 Horiz.Spread:23.5



### Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	Beam width V	H	H
2m	6019.57 LUX	0.8m	0.8m	
4m	1504.89 LUX	1.6m	1.6m	
6m	668.84 LUX	2.5m	2.4m	
8m	376.22 LUX	3.3m	3.2m	
10m	240.78 LUX	4.1m	4.0m	
12m	167.21 LUX	4.9m	4.8m	

Vert.Spread:22.6 Horiz.Spread:23.3

# Linear Recessed Pool Light IP68



**ITEM**  
B4QA0658F

**LIGHT SOURCE**  
6×3W NICHIA

**SELECTED DEGREE(°)θ1/2**  
30°

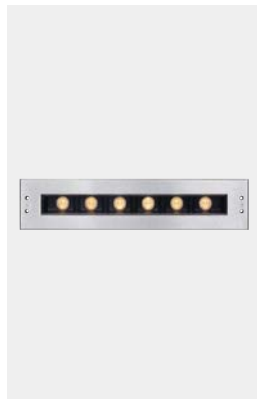
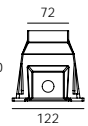
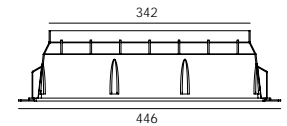
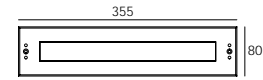
**INPUT VOLTAGE(V)**  
DC 24

**OPERATING CURRENT(MA)**  
950

**CONSUMPTION(W)**  
22.8

**LUMINANCE(LM)**  
CW=1578 WW=1324

**IK**  
09



**ITEM**  
C4QA0658F

**LIGHT SOURCE**  
6×3W NICHIA

**SELECTED DEGREE(°)θ1/2**  
45°  
35°

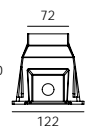
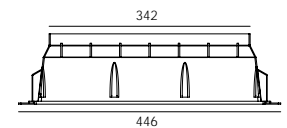
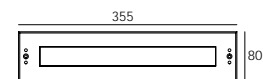
**INPUT VOLTAGE(V)**  
DC 24

**OPERATING CURRENT(MA)**  
950

**CONSUMPTION(W)**  
22.8

**LUMINANCE(LM)**  
CW=1280 WW=1102

**IK**  
09

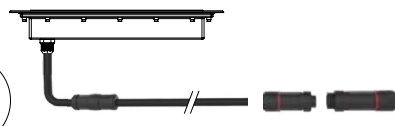


## WATER PROOF SOLUTION

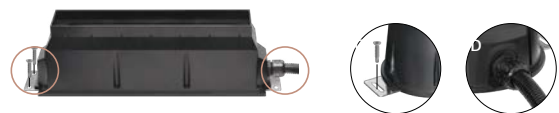


**Water-Stopper(Included)**  
A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

**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.



## SLEEVE (Included)



Mounting Sleeve 122#

**Fixator:** Easier mounting sleeve installment.

**IP68 cable gland:** Prevents water from getting into the cable tube.  
※ Please prepare your own cable tube.

<b>FRONT COVER &amp; HOUSING</b>	Hard Chromeplated Molding Shaped Stainless Steel SUS316L#
<b>LIGHT WINDW</b>	PC
<b>CABLE GLAND</b>	IP68 PG-11 Copper with Nickel-Coated
<b>GASKET</b>	Silicone Gasket
<b>RECESSED SLEEVEE</b>	PC/ABS ALLOYS 122#
<b>LENS</b>	OPTICS lens. efficiency≥85%
<b>PCB</b>	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>BUILT-IN OVERHEAT SENSOR SYSTEM</b>	Automatic Shutdown at 75°C
<b>OPERATING TEMPERATURE</b>	Temperature of water between -20°C~40°C less than 1 meter depth.
<b>POWER CABLE OPTIONAL</b>	Outside of luminaire H07RN-F 2×1.0mm² with water-stopper, L=1m, 3m, 5m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

## OPTICS

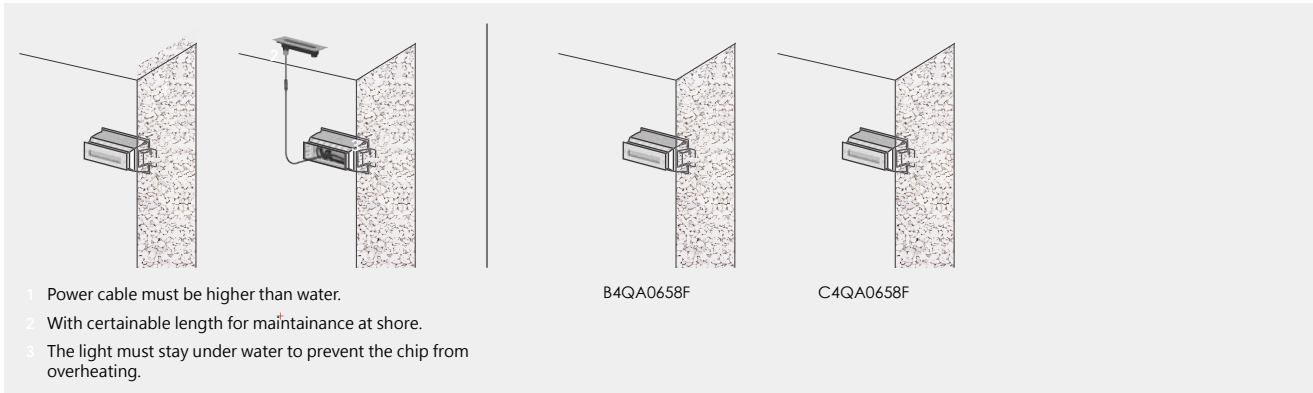
Referenced Degree(°)θ1/2

	B26	8°		
	B27	15°	25°	30°
	C11	45° 35°		

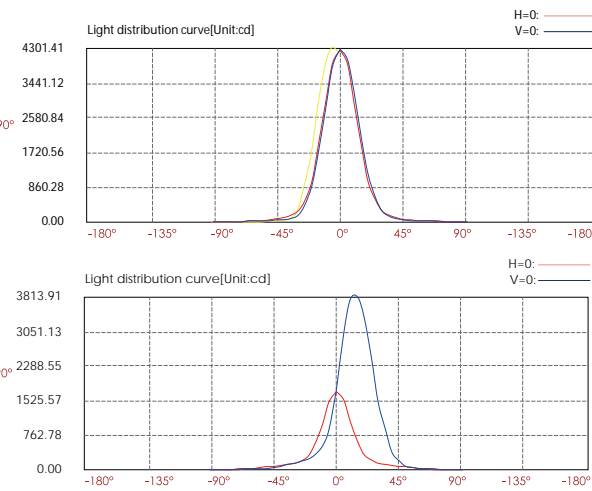
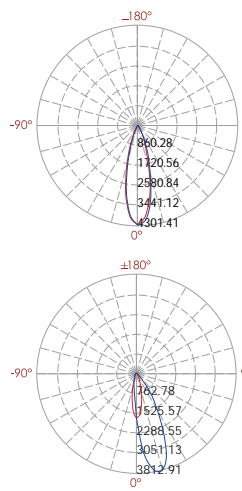
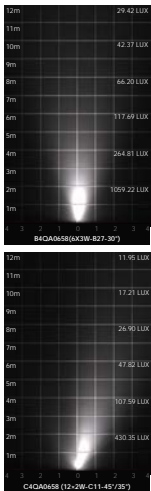
TRIAC PWM 1-10V DALI IP68 OUTDOOR RATED



# Linear Recessed Pool Light IP68



## PHOTOMETRIC



Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	V	H	H
2m	1059.22 LUX	1.0m	1.0m	1.0m
4m	264.81 LUX	2.0m	2.0m	2.0m
6m	117.69 LUX	2.9m	3.0m	3.0m
8m	66.20 LUX	3.0m	4.0m	4.0m
10m	42.37 LUX	4.9m	4.9m	4.9m
12m	29.42 LUX	5.9m	5.9m	5.9m

Ver.Spread:27.6      Horiz.Spread:27.8

Lux distance cure

	Illuminance at a distance		Beam width	
	Center beam LUX	V	H	H
2m	430.35 LUX	0.9m	1.0m	1.0m
4m	107.59 LUX	1.7m	1.9m	1.9m
6m	47.82 LUX	2.6m	2.9m	2.9m
8m	26.90 LUX	3.4m	3.9m	3.9m
10m	17.21 LUX	4.3m	4.8m	4.8m
12m	11.95 LUX	5.1m	5.8m	5.8m

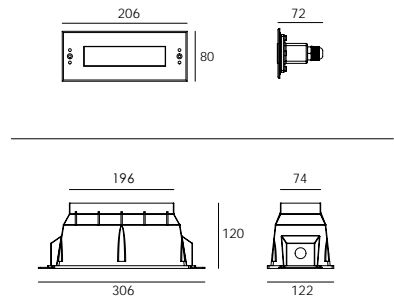
Ver.Spread:24.2      Horiz.Spread:27.2



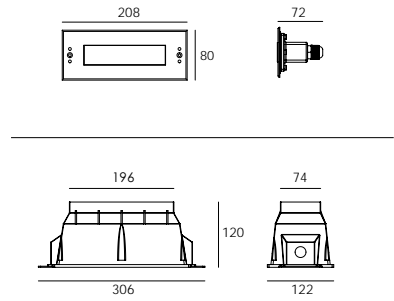
# Linear Recessed Pool Light IP68



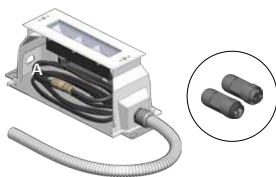
ITEM	B4QA0358F
LIGHT SOURCE	3×4W NICHIA
SELECTED DEGREE(°)θ1/2	B27 / 30°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	535
CONSUMPTION(W)	12.8
LUMINANCE(LM)	1000
IK	09



ITEM	C4QA0358F
LIGHT SOURCE	3×3.4W NICHIA
SELECTED DEGREE(°)θ1/2	C11 / 45° / 35°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	535
CONSUMPTION(W)	12.8
LUMINANCE(LM)	900
IK	09

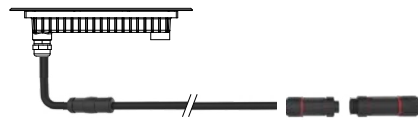


## WATER PROOF SOLUTION



**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.

**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.



**SLEEVE (Included)**



Mounting Sleeve 123#

**Fixator:** Easier mounting sleeve installment.

**IP68 cable gland:** Prevents water from getting into the cable tube.  
※ Please prepare your own cable tube.

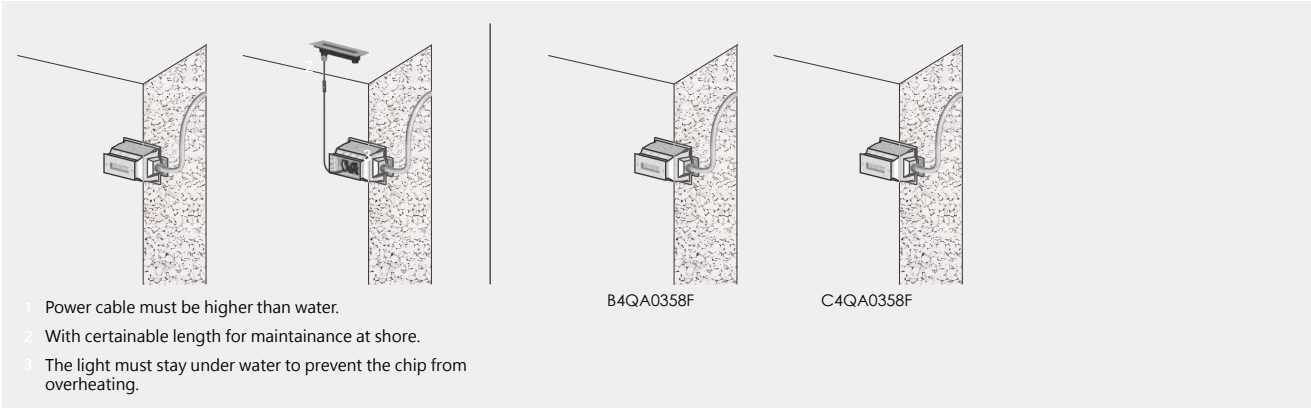
FRONT COVER & HOUSING	Hard Chromeplated Molding Shaped Stainless Steel SUS316L#
LIGHT WINDW	PC
CABLE GLAND	IP68 PG-11 Copper with Nickel-Coated
GASKET	Silicone Gasket
RECESSED SLEEVE	PC/ABS ALLOYS 123#
LENS	OPTICS lens. efficiency≥85%
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
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.
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm² with water-stopper, L=1m, 3m, 5m
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

## OPTICS

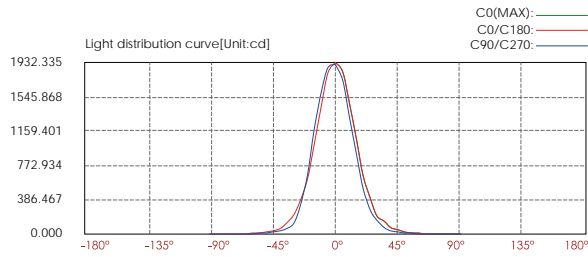
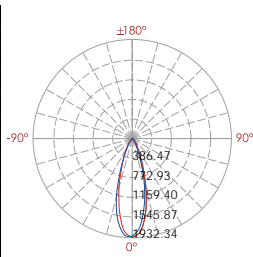
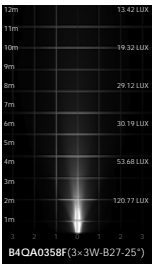
		Referenced Degree(°)θ1/2		
	B26	8°		
	B27	15°	25°	30°
	C11	45° / 35°		



# Linear Recessed Pool Light IP68

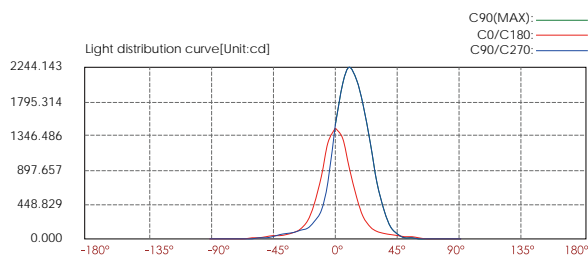
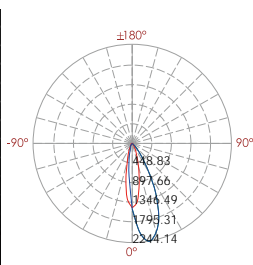
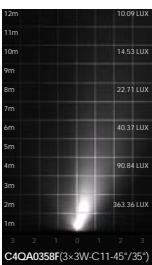


## PHOTOMETRIC



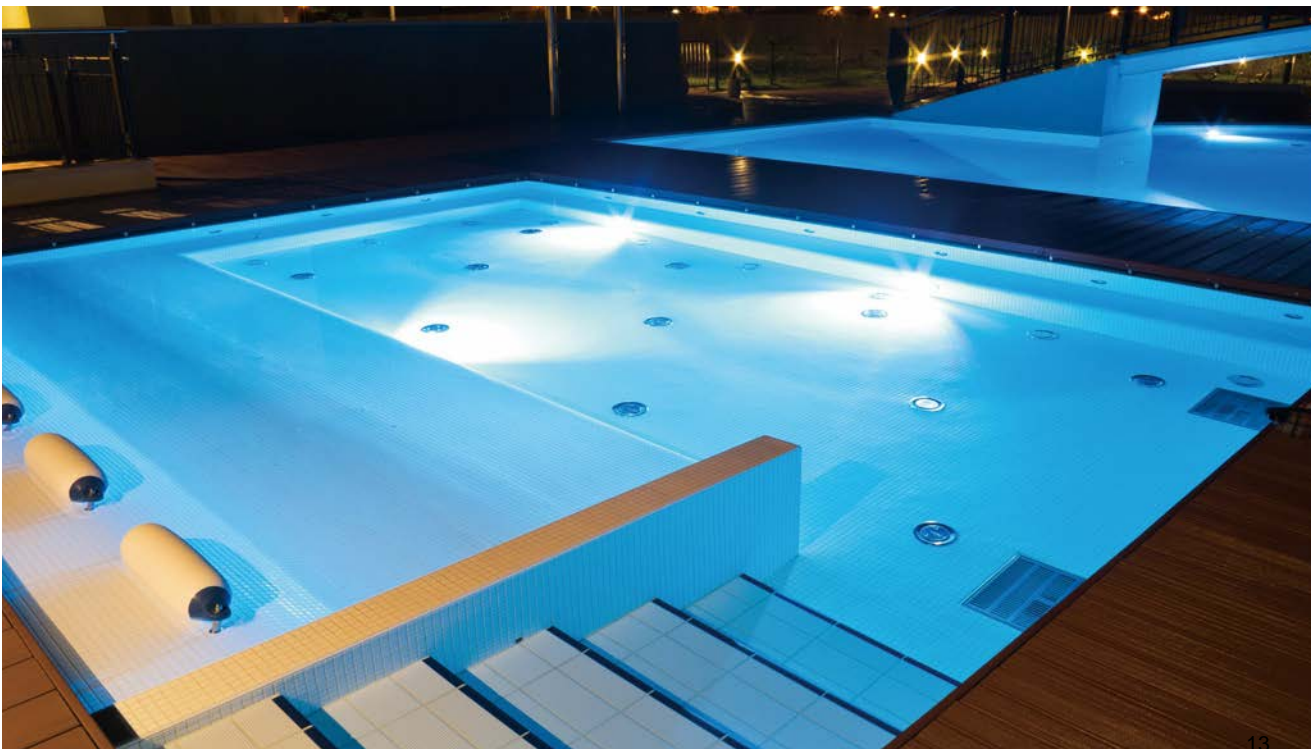
Center beam LUX	Beam width	
	V	H
2m 120.77 LUX	2.3m	2.3m
4m 53.68 LUX	3.4m	3.4m
6m 30.19 LUX	4.6m	4.5m
8m 29.12 LUX	2.2m	2.1m
10m 19.32 LUX	5.6m	5.6m
12m 13.42 LUX	6.8m	6.8m

Vert.Spread:31.5 Horiz.Spread:31.8



Center beam LUX	Beam width	
	V	H
2m 363.36 LUX	0.8m	1.3m
4m 90.84 LUX	1.7m	2.5m
6m 40.37 LUX	2.5m	3.8m
8m 22.71 LUX	3.3m	5.0m
10m 14.53 LUX	4.2m	6.3m
12m 10.09 LUX	5.0m	7.6m

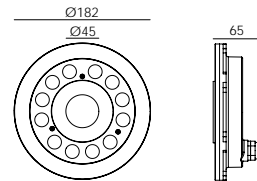
Vert.Spread:35.0 Horiz.Spread:23.6



# Central Ejectice Fountain IP68



<b>ITEM</b>	B4TB1257
<b>LIGHT SOURCE</b>	12x2W
<b>SELECTED DEGREE(°)θ1/2</b>	30°
<b>INPUT VOLTAGE(V)</b>	DC 24
<b>OPERATING CURRENT(MA)</b>	1200
<b>CONSUMPTION(W)</b>	28.8
<b>LUMINANCE(LM)</b>	CW=2300 WW=2062
<b>IK</b>	09



## 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.

<b>HOUSING</b>	Hard chromeplated molding shaped stainless steel SUS 316#
<b>LIGHT WINDOW</b>	Step tempered glass. T=10mm
<b>CABLE GLAND</b>	IP68 PG-11 copper with nickel-coated
<b>GASKET</b>	Silicone gasket
<b>PCB</b>	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
<b>LED DRIVER</b>	Constant Voltage Input,Constant Current Output
<b>OPERATING TEMPERATURE</b>	Temperature of water between -20°C~40°C less than 1 meter depth
<b>BUILT-IN OVERHEAT SENSOR SYSTEM</b>	Automatic Shutdown at 75°C
<b>POWER CABLE OPTIONAL</b>	Outside of luminaire H07RN-F 2x1.0mm <sup>2</sup> with water-stopper, L=1m, 3m, 5m
<b>DIMMING SUPPORT</b>	Triac PWM Available 1-10V Dali Customized

## OPTICS Referenced Degree(°)θ1/2



B13

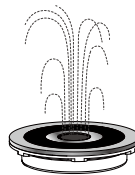
6°

13°

20°

30°

40°

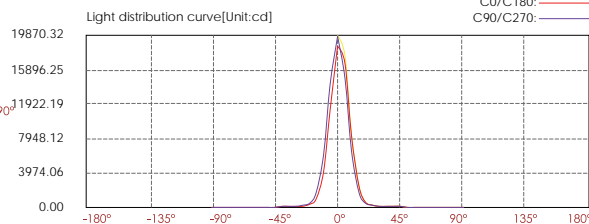
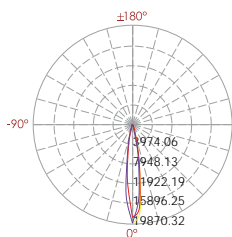
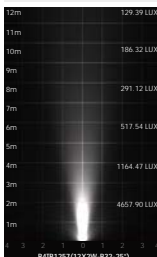


Central Ejectice



Water jet pipe G1 1/2" taper

## PHOTOMETRIC

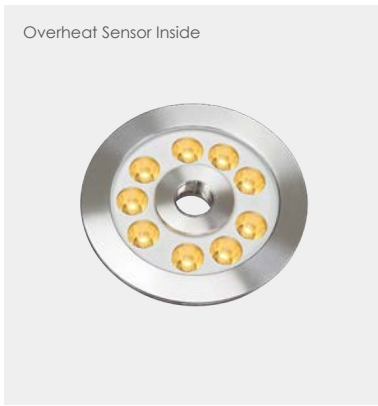


Illuminance at a distance

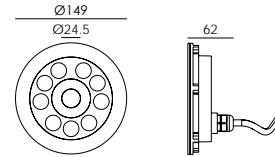
Center beam LUX	Beam width V	H
2m 4657.90 LUX	0.5m	0.5m
4m 1164.47 LUX	1.1m	1.0m
6m 517.54 LUX	1.6m	1.6m
8m 291.12 LUX	2.2m	2.1m
10m 186.32 LUX	2.7m	2.6m
12m 129.99 LUX	3.3m	3.1m

Ver Spread: 15.7 Horiz Spread: 15.0

# Central Ejectice Fountain IP68



ITEM	B4SB0957
LIGHT SOURCE	9×1.5W
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC 12
OPERATING CURRENT(MA)	1500
CONSUMPTION(W)	18
LUMINANCE(LM)	CW=1317 WW=1054
IK	09



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

## WATER PROOF SOLUTION

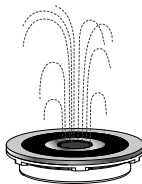


**Water-Stopper(Included)**  
A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

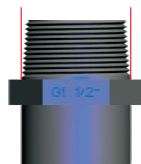
**IP68 Jiffy quick plug/socket connector(Optional)**  
A IP-68 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

HOUSING	Hard chromeplated molding shaped stainless steel SUS 316#
FRONT COVER	Hard chromeplated stainless steel SUS 316L#
LIGHT WINDOW	Step tempered glass. T=9mm
CABLE GLAND	IP68 PG-11 copper with nickel-coated
GASKET	Silicone gasket
PCB	Excellent heat conductivity aluminum. coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input, Constant Current Output
OPERATING TEMPERATURE	Temperature of water between -20°C~40°C less than 1 meter depth
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm <sup>2</sup> with water-stopper, L=1m, 3m, 5m
DIMMING SUPPORT	Triac PWM Available 1-10V Dali Customized

OPTICS	Referenced Degree(°)θ1/2				
B13	6°	13°	20°	30°	40°

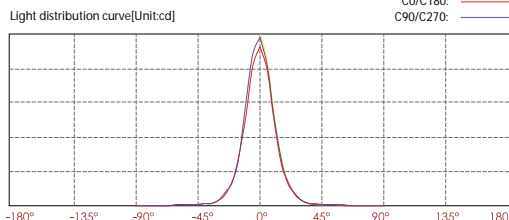
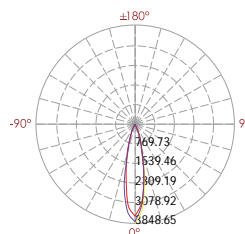
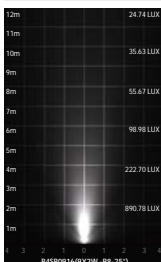


Central Ejectice



Water jet pipe G3/4" taper

## PHOTOMETRIC



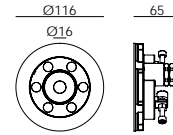
Center beam LUX	Illuminance at a distance		Beam width	
	V	H	V	H
2m	890.78 LUX	0.8m	0.7m	
4m	222.70 LUX	1.6m	1.5m	
6m	98.98 LUX	2.4m	2.2m	
8m	55.67 LUX	3.2m	3.0m	
10m	35.63 LUX	4.0m	3.7m	
12m	24.74 LUX	4.7m	4.4m	

Ver.Spread:22.4 Horiz.Spread:21.0

# Central Ejectice Fountain IP68



ITEM	B4UB0657
LIGHT SOURCE	6x1.5W
LENS	B15
SELECTED DEGREE(°)θ1/2	20°
INPUT VOLTAGE(V)	DC 24
OPERATING CURRENT(MA)	500
CONSUMPTION(W)	12
LUMINANCE(LM)	825



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

## WATER PROOF SOLUTION



### 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.

### 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.

HOUSING	Hard chromeplated Molding shaped stainless steel SUS 316#
FRONT COVER	Hard chrome plated molding shaped stainless steel SUS 316L
LIGHT WINXDOWN	Step tempered glass. T=8mm
CABLE GLAND	IP68 PG-13.5 copper with nickel-coated
GASKET	Silicone Gasket
PCB	Excellent heat conductivity aluminum.coefficient of heat Conductivity≥2.0w/mk
LED DRIVER	Constant Voltage Input,Constant Current Output
OPERATING TEMPERATURE	Temperature of water between -20°C~40°C less than 1 meter depth
BUILT-IN OVERHEAT SENSOR SYSTEM	Automatic Shutdown at 75°C
POWER CABLE OPTIONAL	Outside of luminaire H07RN-F 2×1.0mm <sup>2</sup> with water-stopper, L=1m, 3m, 5m
DIMMING SUPPORT	Triac. PWM Available 1-10V Dali Customized

## OPTICS



B15

10°

15°

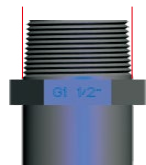
20°

30°

Referenced Degree(°)θ1/2



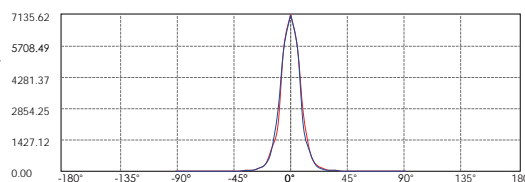
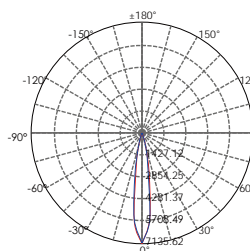
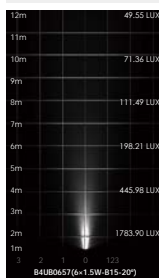
Central Ejectice



Water jet pipe G3/4"taper



## PHOTOMETRIC



Lux distance Curve

Distance (m)	Illuminance at a Distance	
	Center Beam LUX	Beam Width (m)
2m	1783.90 LUX	0.6m 0.6m
4m	445.98 LUX	1.1m 1.2m
6m	198.21 LUX	1.7m 1.7m
8m	111.49 LUX2	.3m 2.3m
10m	71.36 LUX2	.9m 2.9m
12m	49.55 LUX3	.4m 3.5m

Vert.Spread:16.4H  
oriz.Spread:16.5



# Contact details

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