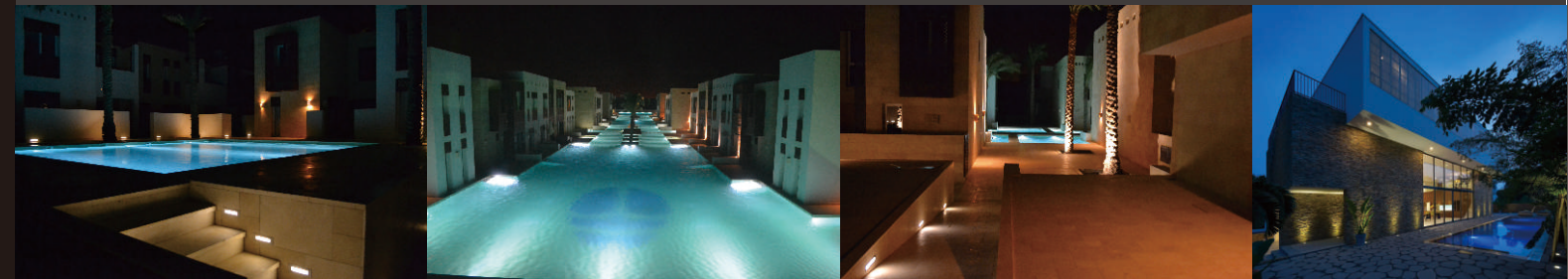


LED *artlamp*
OEM / ODM



2016-2017 Ver.01

OUTDOOR LED LIGHTING

LED *artlamp*

WEB www.futureled.co.th
E-mail : sale@futureled.co.th





Small type recessed LED Pool Light

Completely stainless steel SUS 316 # housing & accessory



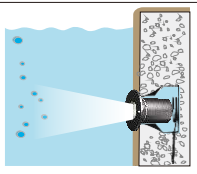
B4A0158
B4A0106
Symmetrical



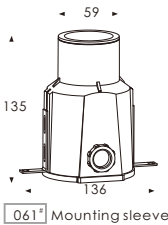
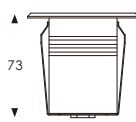
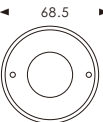
C4A0158
Asymmetrical



Use the Silicone with good stickiness and thermal effect for reach the purpose of radiating and prevent moisture.

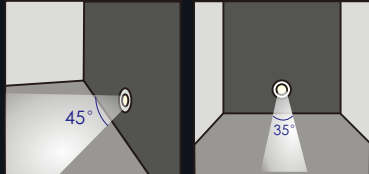


Water must be allowed to go inside and outside sleeve freely without leaking from the other side.

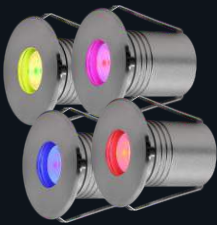


Material specifications

Front cover & Housing	Molding shaped stainless steel sus 316#
Gasket	EPDM gasket
Glass	Step tempered glass, T=7mm
Lens	Optical lens, efficiency≥85%
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
Driver	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Application environment	Temperature of water between -20℃~ 40℃less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm² L=3m (for Single color) H05RN-F 4X0.75mm² L=3m (for RGB)
Mounting sleeve	061 PVC



Impression drawing of C4A0158



Item No.	Light source	Lens	The manufacturer selected lens degree (ø1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B4A0158	1×3W	B32	30	24VDC	125	3	Cool white=174 Warm white=139	06
B4A0106	1×3W RGB 3in1 Full color	B8	15	24VDC	R=38 G=53 B=54	3.5	56	06
C4A0158	1×3W	C8	45 35	24VDC	125	3	Cool white=143 Warm white=115	06



Wall recessed LED Pool Light

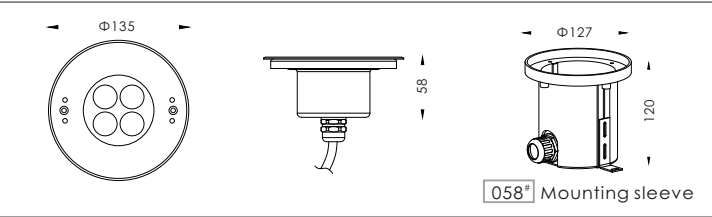
Completely stainless steel SUS 316L # housing & accessory



B4XC0457
B4XC0418
Symmetrical

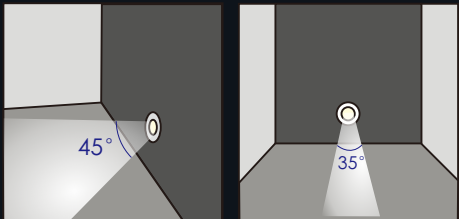
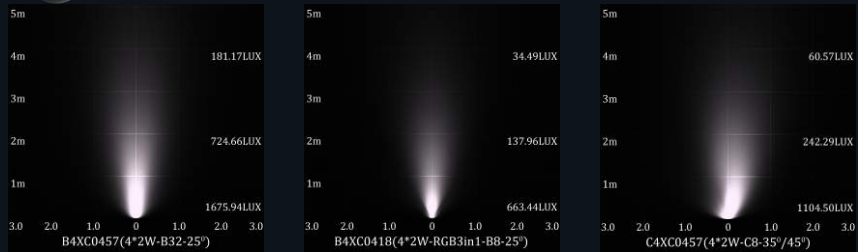


C4XC0457
Asymmetrical



Material specifications

Front cover&Housing	Molding shaped sus 316L ¹ stainless steel
Gasket	EPDM gasket
Glass	Step tempered glass, T=8mm
Cable gland	IP-68 PG-11 copper with nickel-coated
Waterproof seal	Molding shaped silicone seal
PCB	Excellent heat conductivity aluminum, coefficient of Heat Conductivity≥2.0w/mk
Driver	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm ² L=3m (for single color) H07RN-F 4X1.0mm ² L=3m (for RGB)
Mounting sleeve	058 PVC



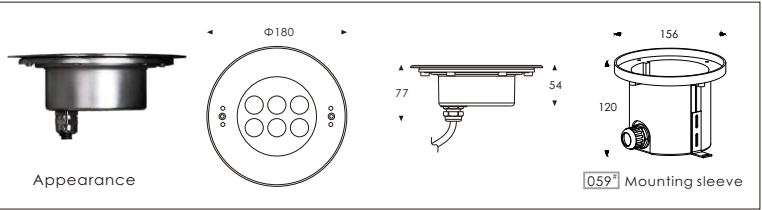
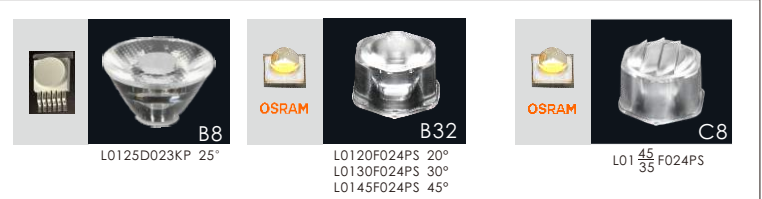
Impression drawing of C4XC0457

Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B4XC0457	4×2W	B32	30	24VDC	371	8.9	Cool white=595 Warm white=500	08
B4XC0418	4×2W RGB 3in1 Full color	B8	25	24VDC	R=200 G=215 B=215	15	162	08
C4XC0457	4×2W	C8	45/35	24VDC	371	8.9	Cool white=619 Warm white=479	08



Wall recessed LED Pool Light

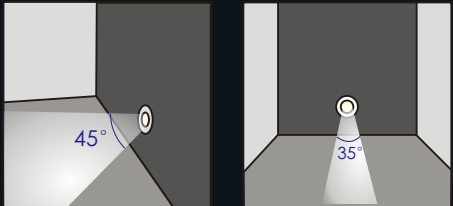
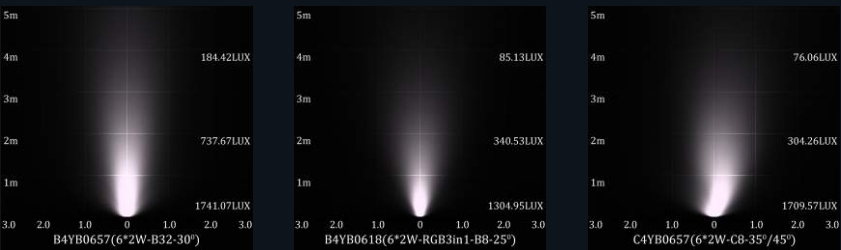
Completely stainless steel SUS 316L[#] housing & accessory



Warning:
Must be installed underwater to prevent the light from burning up because of over-heating.

Material specifications

Front cover&Housing	Molding shaped sus 316L [#] stainless steel housing
Gasket	EPDM gasket
Glass	Step tempered glass, T=9mm
Lens	Optical lens, efficiency≥85%
Cable gland	IP-68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
Driver	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm ² L=3m (for Single color) H07RN-F 4X1.0mm ² L=3m (for RGB)
Mounting sleeve	059 PVC



Impression drawing of C4YB0657

Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage (v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B4YB0657	6×2W	B32	30	24VDC	700	16.8	Cool white=1234 Warm white=906	08
B4YB0618	6×2W RGB 3in1 Full color	B8	25	24VDC	R=300 G=350 B=350	24	420	08
C4YB0657	6×2W	C8	45 35	24VDC	700	16.8	Cool white=795 Warm white=772	08



Wall recessed LED Pool Light

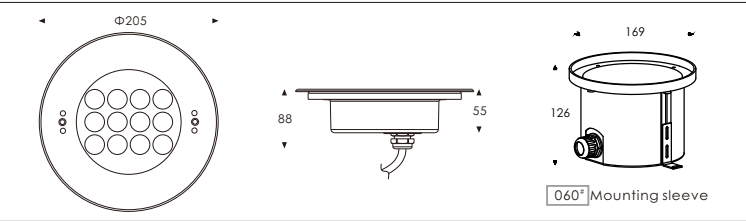
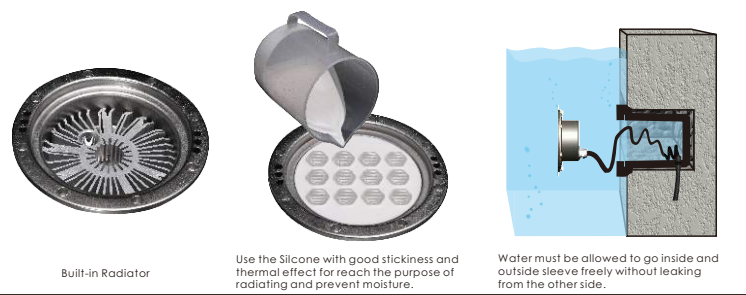
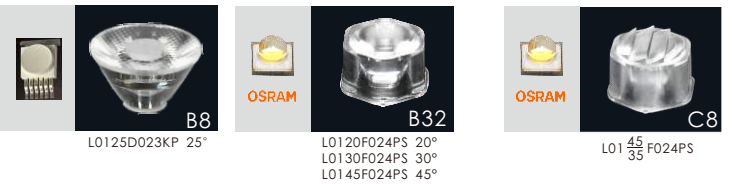
Completely stainless steel SUS 316L# housing & accessory



B4ZB1257
B4ZB1218
Symmetrical



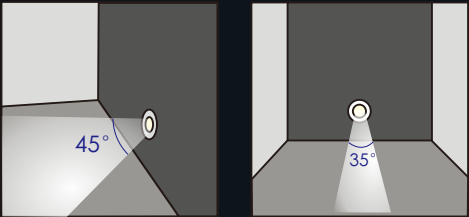
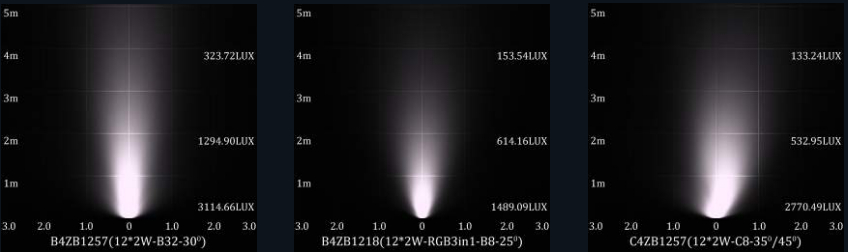
C4ZB1257
Asymmetrical



Warning:
Must be installed underwater to prevent the light from burning up because of over-heating.

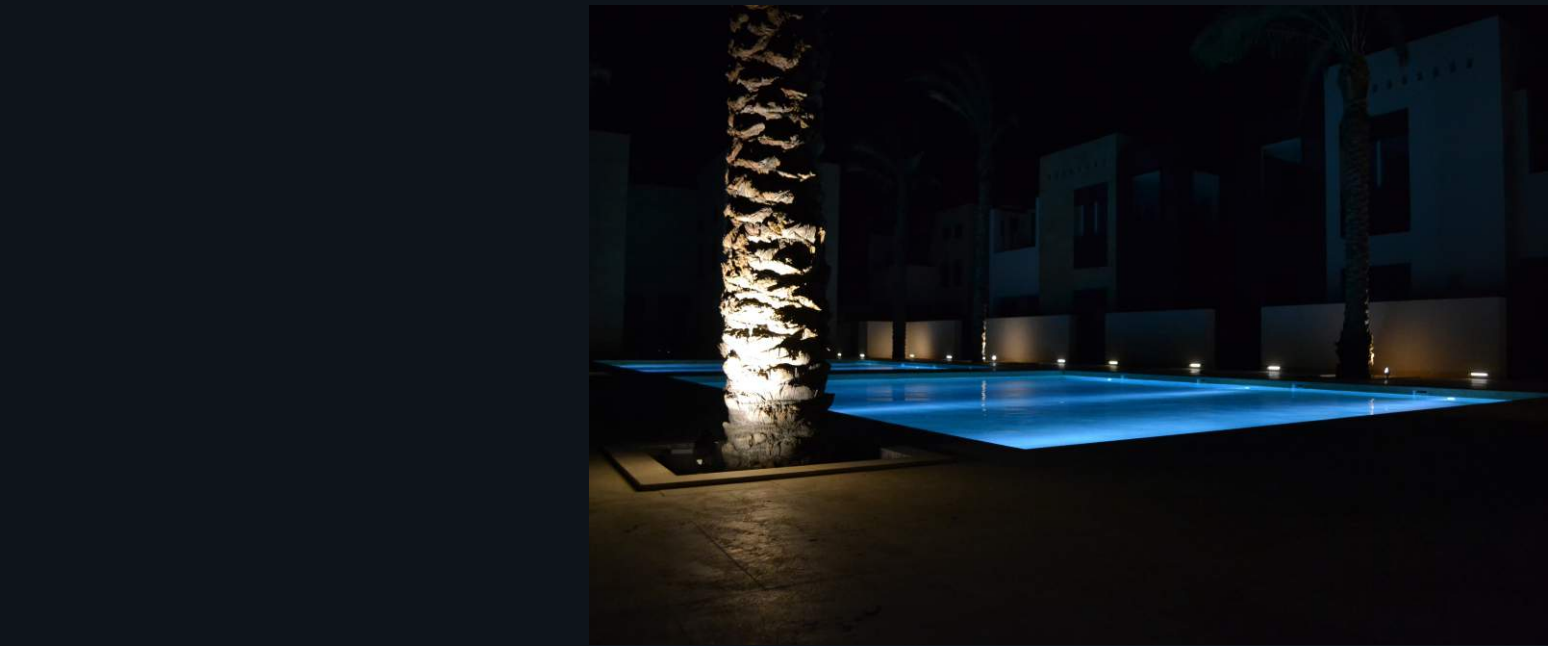
Material specifications

Front cover&Housing	Molding shaped sus 316L# stainless steel housing
Gasket	EPDM gasket
Glass	Step tempered glass, T=10mm
Lens	All-in-one optical lens, efficiency≥85%
Cable gland	IP-68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
Driver	Constant current output Single color LED=2-circuit output RGB 3in1 LED=6-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm² L=3m (for Single color) H07RN-F 4X1.0mm² L=3m (for RGB)



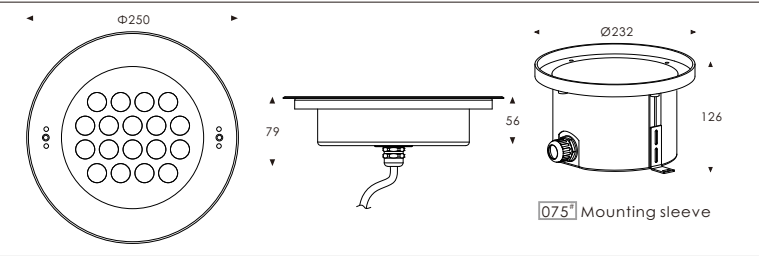
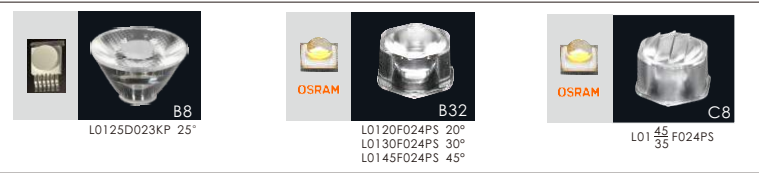
Impression drawing of C4ZB1257

Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B4ZB1257	12×2W Single color	B32	30	24VDC	1200	28.8	Cool white=2067 Warm white=1610	08
B4ZB1218	12×2W RGB 3in1 Full color	B8	25	24VDC	R=400 G=500 B=500	33.6	726	08
C4ZB1257	12×2W Single color	C8	45/35	24VDC	1200	28.8	Cool white=1395 Warm white=1181	08



Wall recessed LED Pool Light

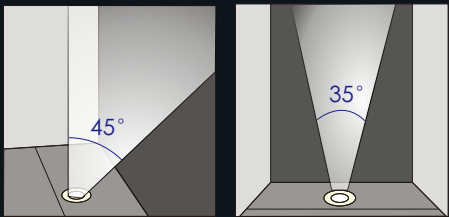
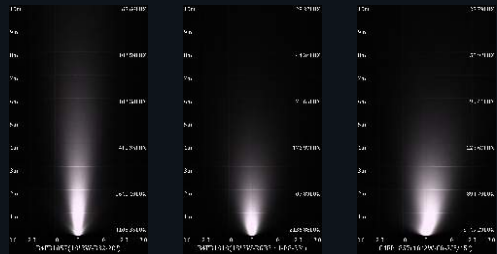
Completely stainless steel SUS 316L # housing & accessory



Warning:
Must be installed underwater to prevent the light from burning up because of over-heating.

Material specifications

Front cover&Housing	Molding shaped sus 316L # stainless steel housing
Gasket	EPDM gasket
Glass	Step tempered glass. T=10mm
Glass pressure capacity	Full area=5012kgs
Lens	All-in-one optical lens, efficiency≥85%
Cable gland	IP-68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
Driver	Constant current output Single color LED=2-circuit output RGB 3in1 LED=6-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm² L=3m (for Single color) H07RN-F 4X1.0mm² L=3m (for RGB)
Mounting sleeve	075 PVC



Impression drawing of lens C4FB1857

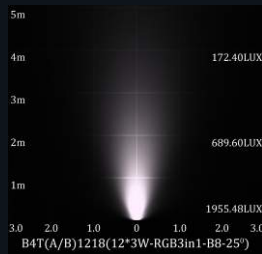
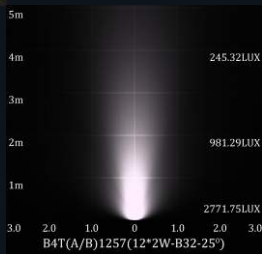
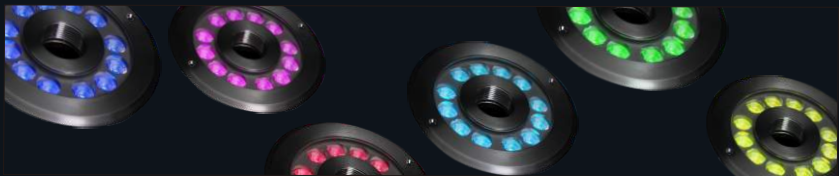
Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage (v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B4FB1857	18×2W	B32	30	24VDC	1900	45.6	Cool white=2905 Warm white=2298	10
B4FB1818	18×2W RGB 3in1 Full color	B8	25	24VDC	R=630 G=770 B=770	52	990	10
C4FB1857	18×2W	C8	45/35	24VDC	1900	45.6	Cool white=2905 Warm white=2122	10



Dry land fountain light



Pool fountain light



Central ejective Fountain Light

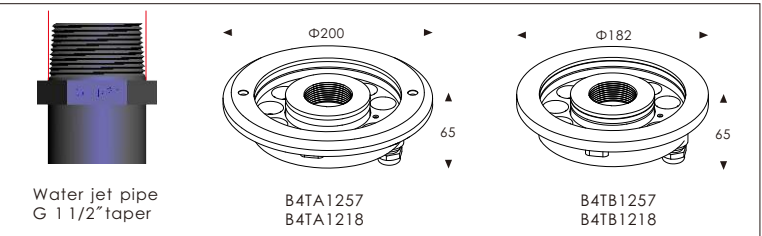
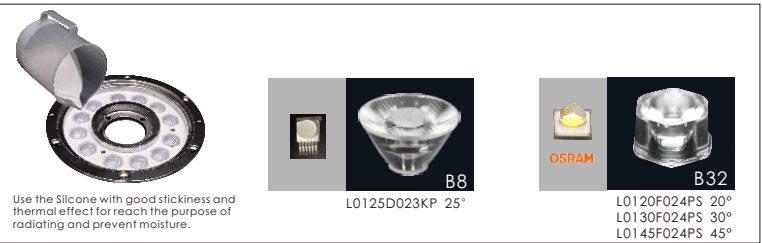
Completely stainless steel SUS 316[#] housing & accessory



B4TA1257
B4TA1218
Dry land fountain light
2.7kg



B4TB1257
B4TB1218
Pool fountain light
2.6kg



Material specifications

Front cover&Housing	Molding shaped sus 316 [#] stainless steel housing
Gasket	EPDM gasket
Glass	Step tempered glass, T=10mm
Cable gland	IP-68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
Driver	Constant current output Single color LED=2-circuit output RGB 3in1 LED=6-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm ² L=3m (for Single color) H07RN-F 4X1.0mm ² L=3m (for RGB)

Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage(V)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B4TA1257	12×2W	B32	25	24VDC	1200	28.8	Cool white=2067 Warm white=1610	09
B4TA1218	12×3W RGB 3in1 Full color	B8	25	24VDC	R=400 G=500 B=500	33.6	726	09
B4TB1257	12×2W	B32	25	24VDC	1200	28.8	Cool white=2067 Warm white=1610	09
B4TB1218	12×3W RGB 3in1 Full color	B8	25	24VDC	R=400 G=500 B=500	33.6	726	09

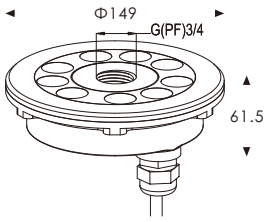


Central ejective Fountain Light

Completely stainless steel SUS 316L[#] housing & accessory



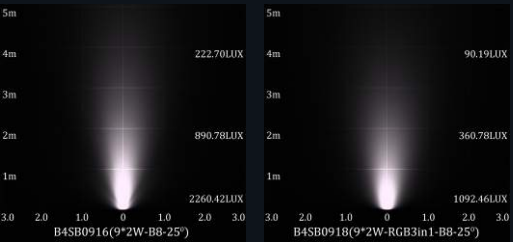
Use the Silicone with good stickiness and thermal effect for reach the purpose of radiating and prevent moisture.



Warning:
Must be installed underwater to prevent the light from burning up because of over-heating.

Material specifications

Housing	Molding shaped stainless steel sus 316 [#]
Front cover	Stainless steel sus 316L [#]
Gasket	EPDM gasket
Glass	Step tempered glass, T=8mm
Cable gland	IP-68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
Driver	Constant current output Single color LED=2-circuit output RGB 3in1 LED=6-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth
Power cable	H07RN-F 2X1.0mm ² L=3m (for Single color) H07RN-F 4X1.0mm ² L=3m (for RGB)





Wall Mounting underwater light

Completely stainless steel SUS 316# housing & accessory

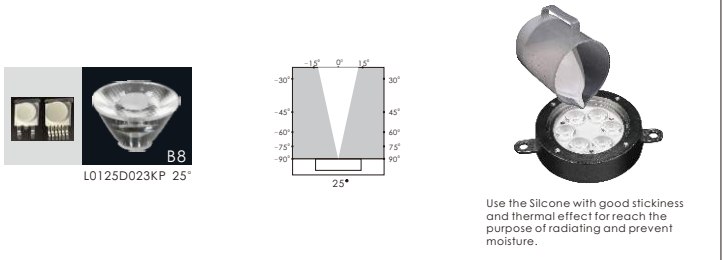


B4B0616
B4B0618



Efficient heat-sink

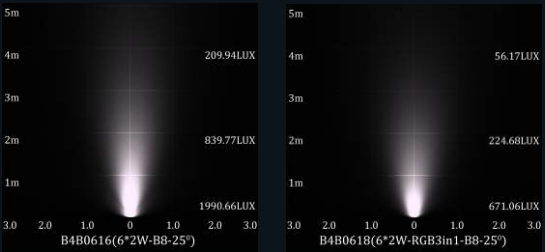
IP-68 cable gland



Optional stainless steel bracket

Material specifications

Housing	Stainless steel housing
Front cover	Stainless steel sus 316L*
Waterproof seal	EPDM gasket
Glass	Step tempered glass, T=8mm
Lens	Separate optical lens efficiency≥85%
Cable gland	IP-68 PG-11 copper with nickel-coated
PCB	Excellent heat conductivity aluminum, Coefficient Of heat Conductivity≥2.0w/mk
Driver	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm ² L=3m (for Single color) H07RN-F 4X1.0mm ² L=3m (for RGB)

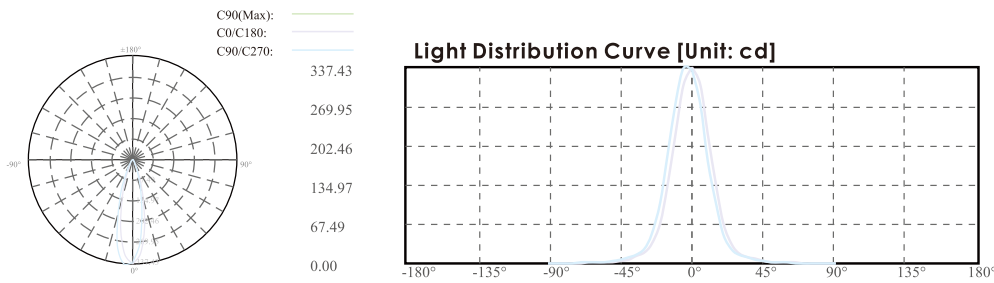


Item No.	Light source	Lens	The manufacturer selected lens degree (θ) / 2	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
B4B0616	6×2W Single color	B8	25	24VDC	542	13	Cool white=605 Warm white=520	08
B4B0618	6×2W RGB 3in1 Full color	B8	25	24VDC	R=200 G=250 B=250	16.8	428	08

Distribution curve flux diagram for recessed underwater light series



Graphical Representation for B4A0158 warm white light



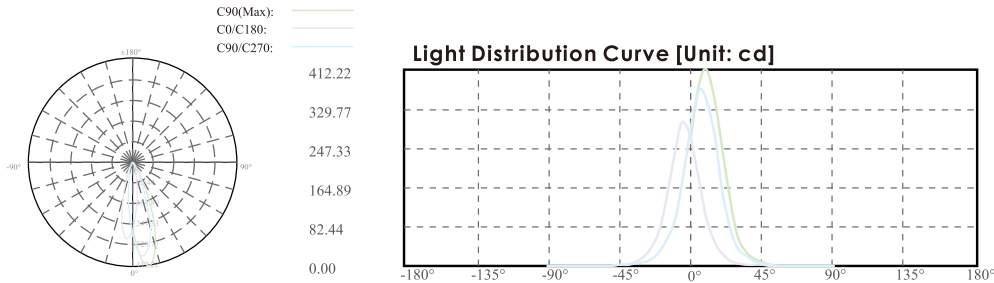
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 84.26 LUX	0.9m	0.9m
4m 21.06 LUX	1.9m	1.8m
6m 9.36 LUX	2.8m	2.8m
8m 5.27 LUX	3.8m	3.7m
10m 3.37 LUX	4.7m	4.6m
12m 2.34 LUX	5.7m	5.5m

Vert.Spread:26.7 Horiz.Spread:26.0

Graphical Representation for C4A0158 warm white light



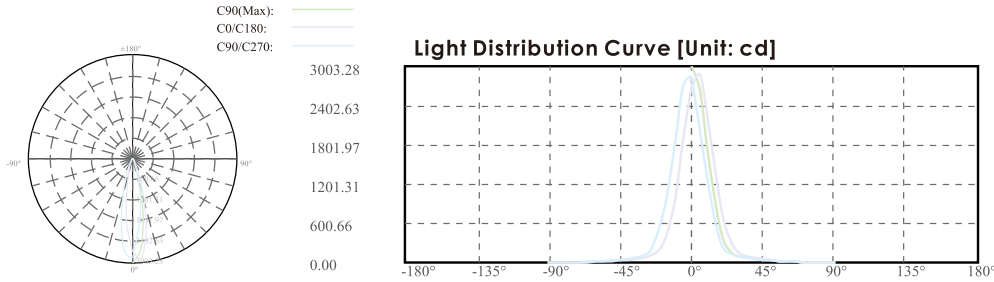
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 68.28 LUX	0.8m	0.8m
4m 17.07 LUX	1.6m	1.6m
6m 7.59 LUX	2.4m	2.4m
8m 4.27 LUX	3.2m	3.1m
10m 2.73 LUX	3.9m	3.9m
12m 1.90 LUX	4.7m	4.7m

Vert.Spread:22.3 Horiz.Spread:22.2

Graphical Representation for B4XC0457 warm white light



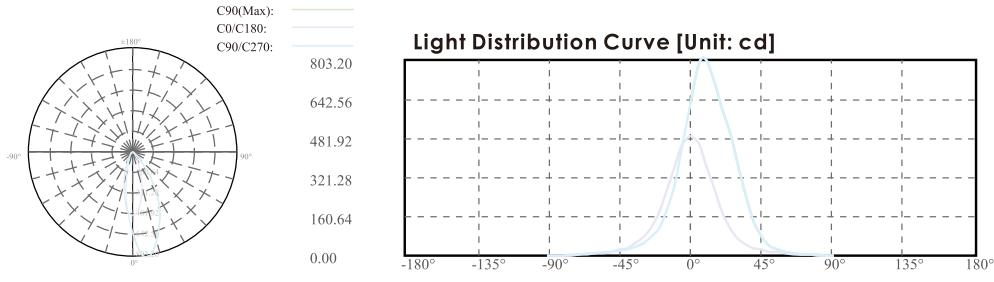
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 671.82 LUX	0.8m	0.8m
4m 167.96 LUX	1.5m	1.6m
6m 74.65 LUX	2.3m	2.3m
8m 41.99 LUX	3.1m	3.1m
10m 26.87 LUX	3.8m	3.9m
12m 18.66 LUX	4.6m	4.7m

Vert.Spread:21.6 Horiz.Spread:22.0

Graphical Representation for C4XC0457 warm white light



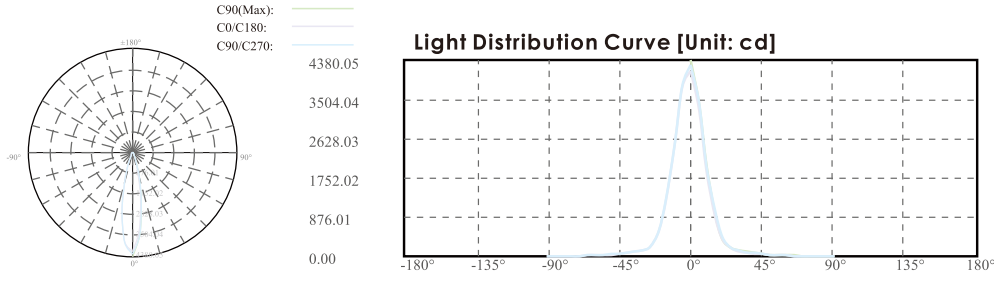
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 123.35 LUX	1.3m	1.1m
4m 30.84 LUX	2.5m	2.2m
6m 13.71 LUX	3.8m	3.3m
8m 7.71 LUX	5.1m	4.4m
10m 4.93 LUX	6.3m	5.5m
12m 3.43 LUX	7.6m	6.6m

Vert.Spread:35.2 Horiz.Spread:30.8

Graphical Representation for B4YB0657 warm white light



Lux distance Curve

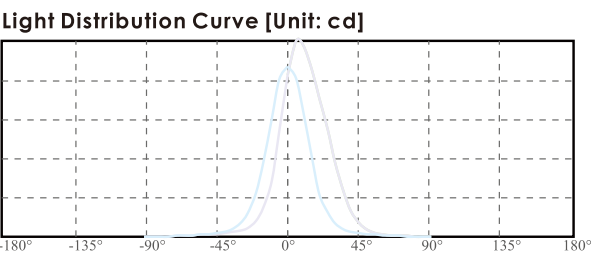
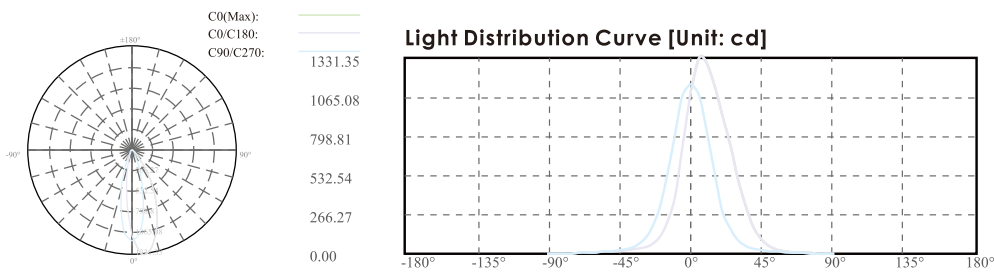
Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 1037.10 LUX	0.7m	0.7m
4m 259.27 LUX	1.5m	1.5m
6m 115.23 LUX	2.2m	2.2m
8m 64.82 LUX	3.0m	2.9m
10m 41.48 LUX	3.7m	3.6m
12m 28.81 LUX	4.5m	4.4m

Vert.Spread:21.1 Horiz.Spread:20.7

Distribution curve flux diagram for recessed underwater light series

Graphical Representation for C4YB0657 warm white light



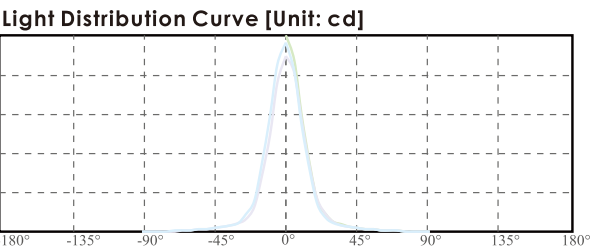
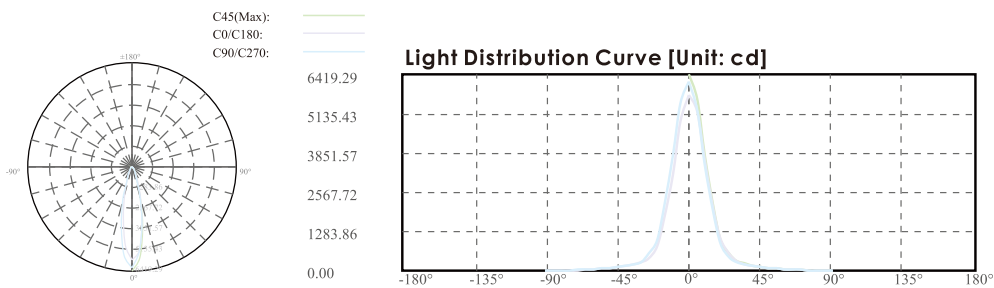
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 274.29 LUX	1.1m	1.2m
4m 68.57 LUX	2.2m	2.3m
6m 30.48 LUX	3.2m	3.5m
8m 17.14 LUX	4.3m	4.6m
10m 10.97 LUX	5.4m	5.8m
12m 7.62 LUX	6.5m	6.9m

Vert.Spread:30.1 Horiz.Spread:32.1

Graphical Representation for B4ZB1257 warm white light



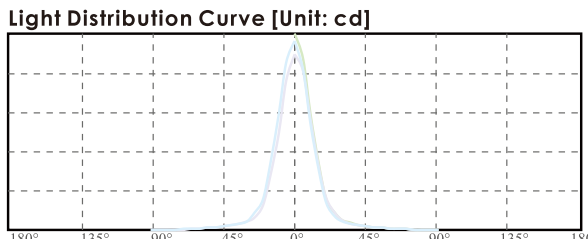
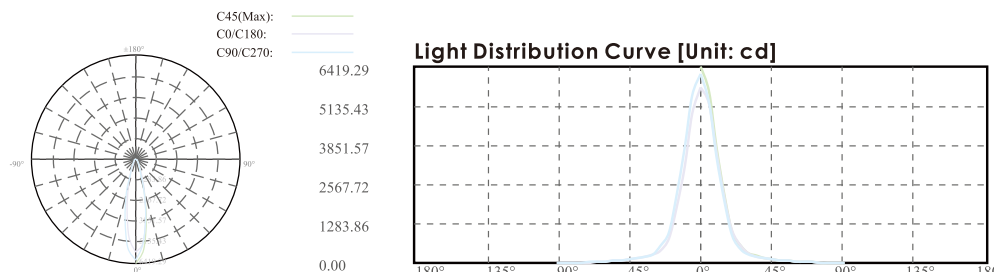
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 1435.90 LUX	0.8m	0.8m
4m 358.98 LUX	1.6m	1.5m
6m 159.54 LUX	2.5m	2.3m
8m 89.74 LUX	3.3m	3.1m
10m 57.44 LUX	4.1m	3.9m
12m 39.89 LUX	4.9m	4.6m

Vert.Spread:23.3 Horiz.Spread:21.9

Graphical Representation for B4TA1257 warm white light



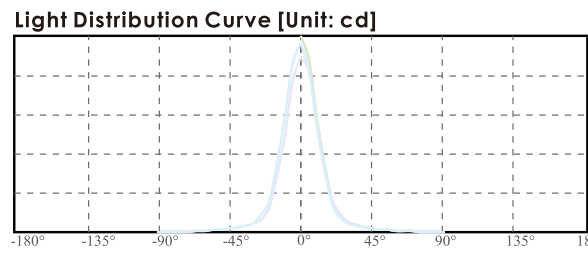
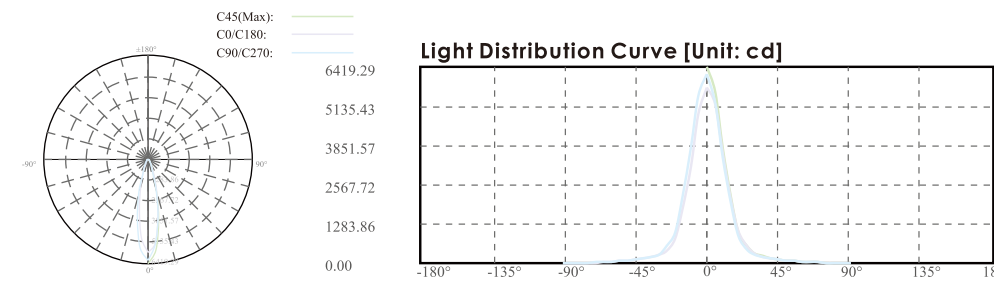
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 1435.90 LUX	0.8m	0.8m
4m 358.98 LUX	1.6m	1.5m
6m 159.54 LUX	2.5m	2.3m
8m 89.74 LUX	3.3m	3.1m
10m 57.44 LUX	4.1m	3.9m
12m 39.89 LUX	4.9m	4.6m

Vert.Spread:23.3 Horiz.Spread:21.9

Graphical Representation for B4TB1257 warm white light



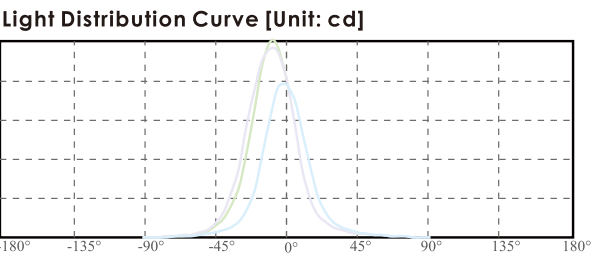
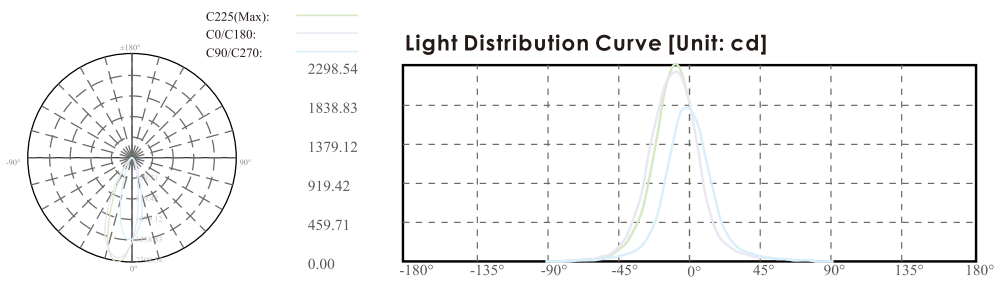
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 1435.90 LUX	0.8m	0.8m
4m 358.98 LUX	1.6m	1.5m
6m 159.54 LUX	2.5m	2.3m
8m 89.74 LUX	3.3m	3.1m
10m 57.44 LUX	4.1m	3.9m
12m 39.89 LUX	4.9m	4.6m

Vert.Spread:23.3 Horiz.Spread:21.9

Graphical Representation for C4ZB1257 warm white light



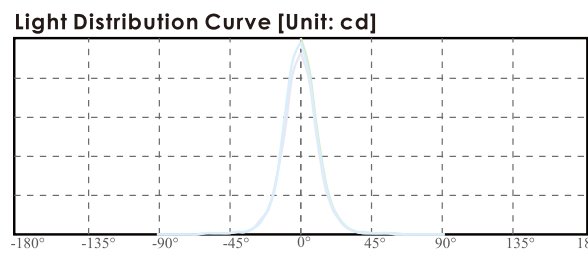
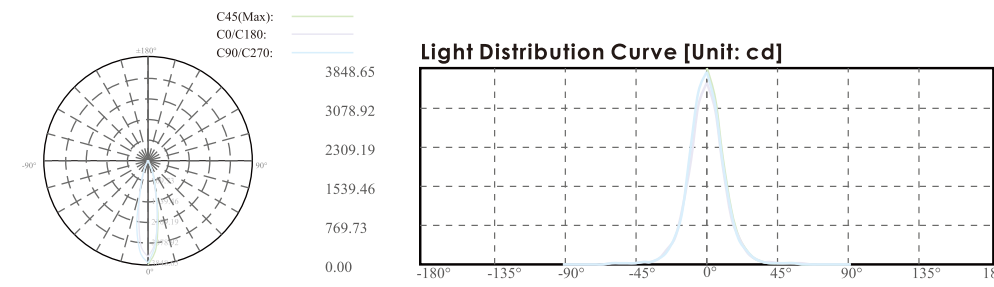
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 468.76 LUX	1.2m	1.1m
4m 117.19 LUX	2.4m	2.1m
6m 52.08 LUX	3.6m	3.2m
8m 29.30 LUX	4.8m	4.3m
10m 18.75 LUX	6.0m	5.3m
12m 13.02 LUX	7.2m	6.4m

Vert.Spread:33.4 Horiz.Spread:30.0

Graphical Representation for B4SB0916 warm white light



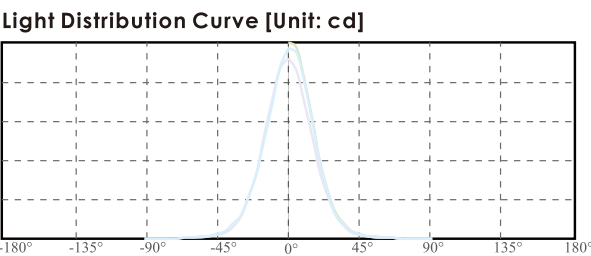
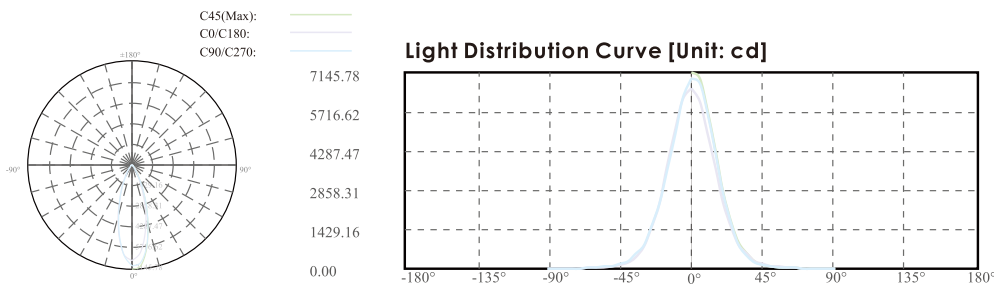
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width 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

Vert.Spread:22.4 Horiz.Spread:21.0

Graphical Representation for B4FB1857 cool white light



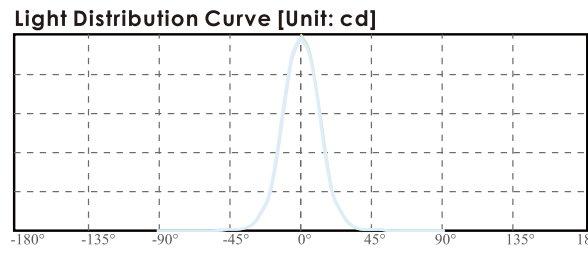
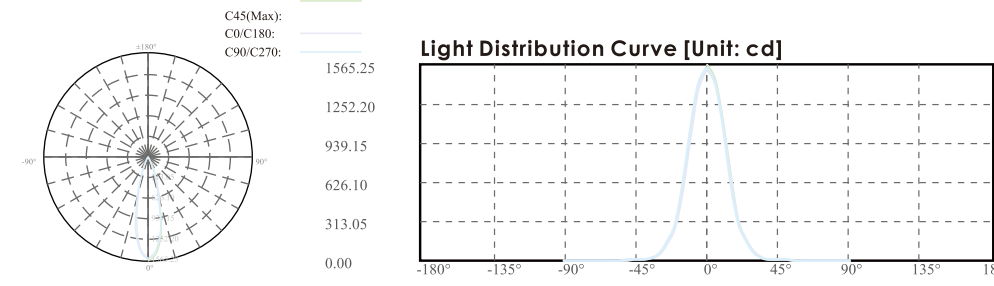
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 1041.40 LUX	1.1m	1.1m
4m 410.35 LUX	2.3m	2.3m
6m 182.38 LUX	3.4m	3.4m
8m 102.59 LUX	4.6m	4.6m
10m 65.66 LUX	5.7m	5.7m
12m 45.59 LUX	6.9m	6.9m

Vert.Spread:32.1 Horiz.Spread:31.8

Graphical Representation for B4B0616 warm white light



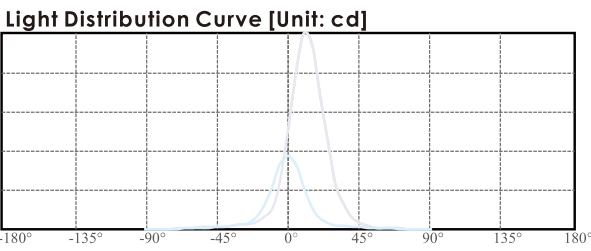
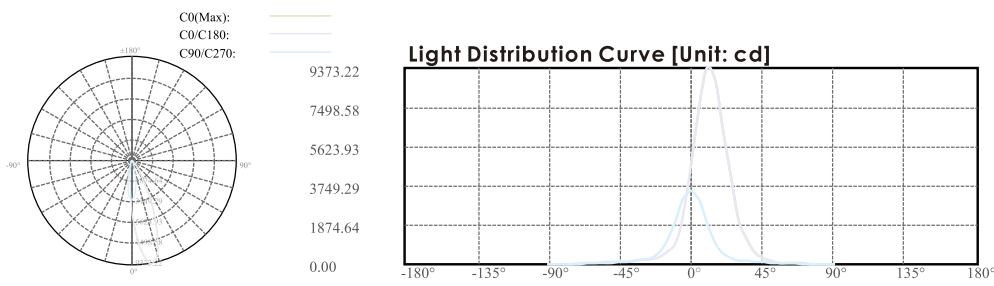
Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 381.66 LUX	0.9m	0.9m
4m 95.41 LUX	1.9m	1.8m
6m 42.41 LUX	2.8m	2.8m
8m 23.85 LUX	3.7m	3.7m
10m 15.27 LUX	4.7m	4.6m
12m 10.60 LUX	5.6m	5.5m

Vert.Spread:26.3 Horiz.Spread:26.0

Graphical Representation for C4FB1857 warm white light



Lux distance Curve

Illuminance at a Distance

Center Beam LUX	Beam Width V	H
2m 894.70 LUX	0.8m	0.8m
4m 223.67 LUX	1.7m	1.6m
6m 99.41 LUX	2.5m	2.4m
8m 55.92 LUX	3.4m	3.2m
10m 35.79 LUX	4.2m	4.0m
12m 24.85 LUX	5.1m	4.7m

Vert.Spread:24.0 Horiz.Spread:22.4



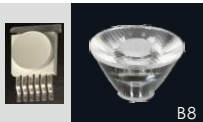
Underwater spot light series

Small type - underwater LED spot light

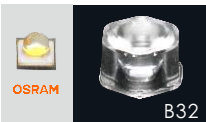
Completely stainless steel housing & accessory



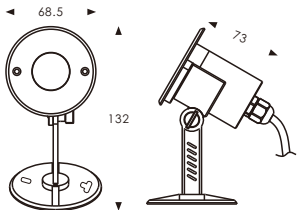
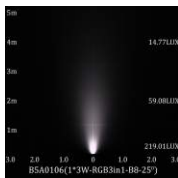
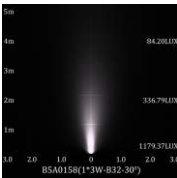
B5A0158
B5A0106



B8
L0125D023KP 25°



B32
L0120F024PS 20° L0145F024PS 35°
L0145F024PS 25° L0145F024PS 45°
L0130F024PS 30°



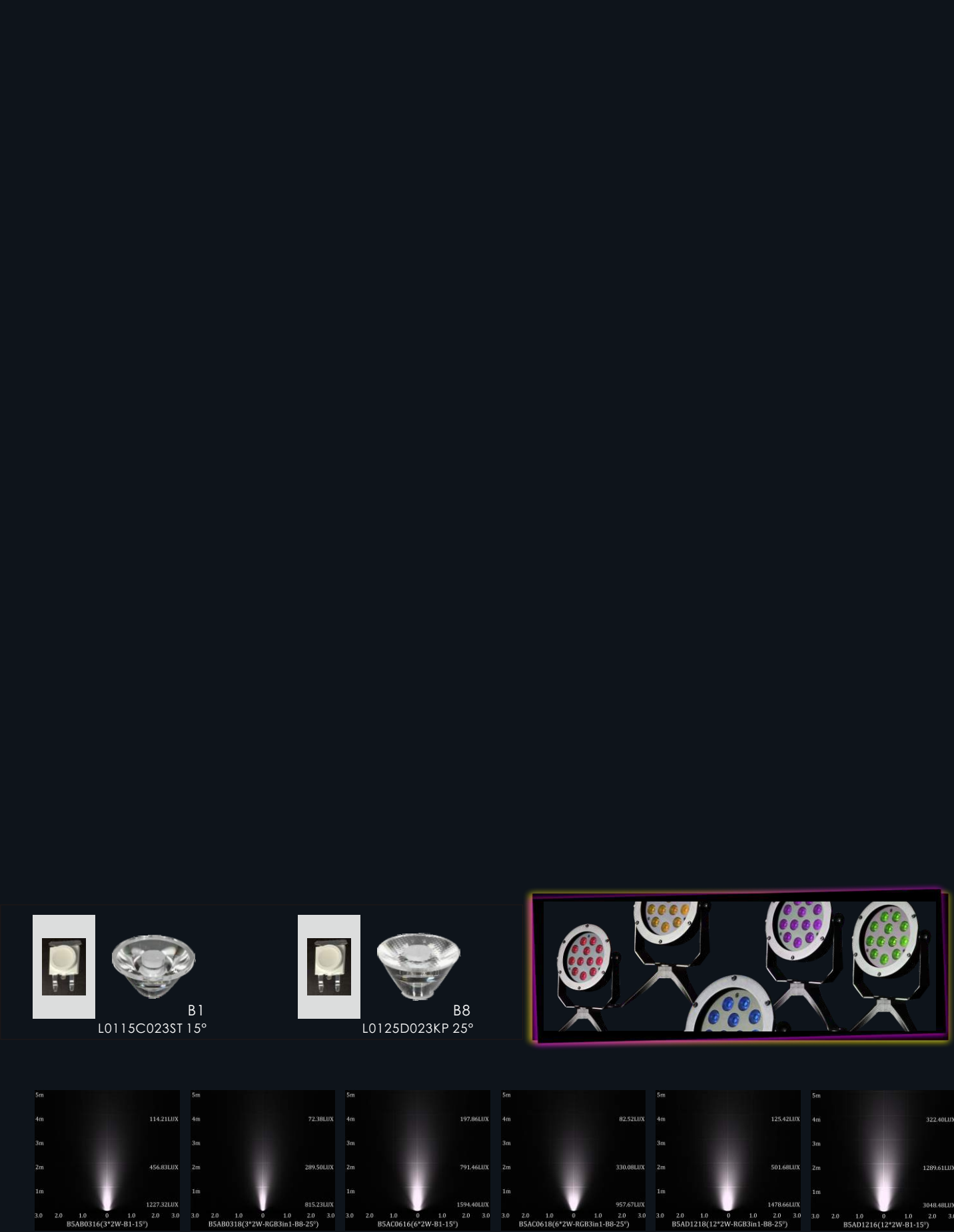
B5A0158 B5A0106

Material specifications

Front cover&Housing	Molding shaped stainless steel sus 316 ⁺
Bracket	Stainless steel sus 316 ⁺
Glass	Step tempered glass, T=7mm
Lens	Optical lens, efficiency≥85%
Cable gland	IP-68 M16a copper with nickel-coated
PCB	Excellent heat conductivity aluminum, coefficient of heat conductivity≥2.0w/mk
Driver	Constant current output Single color LED=1-circuit output RGB 3in1 LED=3-circuit output
Application environment	Temperature of water between -20℃~ 40℃, less than 1 meter depth.
Power cable	H07RN-F 2X1.0mm ² L=3m (for Single color) H05RN-F 4X0.75mm ² L=3m (for RGB)

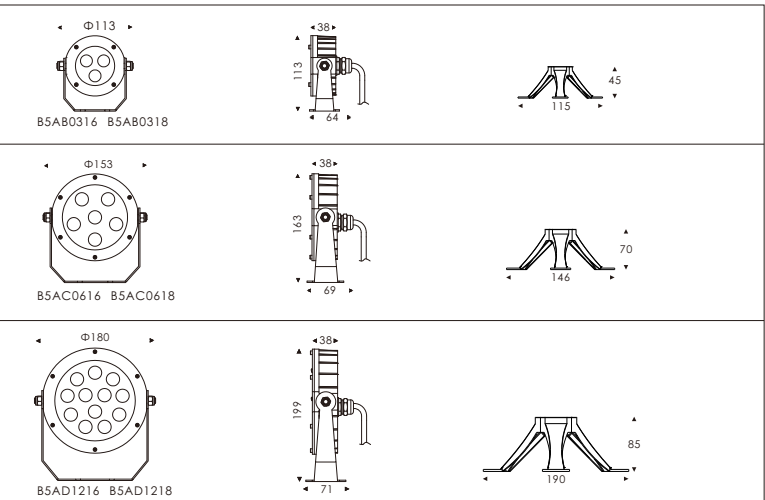
Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B5A0158	1×3W	B32	30	24VDC	125	3	Cool white=174 Warm white=139	06
B5A0106	1×3W RGB 3in1 Full color	B8	25	24VDC	R=38 G=53 B=54	3.5	R=17 G=30 B=9	06





underwater LED spot light

Completely stainless steel housing & accessory



Material specifications

Housing	Molding shaped sus 316 stainless steel housing
Bracket	Stainless steel sus 316
Front cover	Stainless steel sus 316L
Glass	Tempered glass, T=5mm
Lens	Optical lens, efficiency≥85%
Cable gland	IP-68 PG-11 copper with nickel-coated
Seal	Molding shaped silicon seal under the front cover Silicon glue among LED, lens and PCB
LED	IQ type power LED
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
Application environment	H07RN-F 2X1.0mm² L=2m (for Single color) H07RN-F 4X1.0mm² L=2m (for RGB)
Power cable	Temperature of water between -20℃- 40℃ less than 1 meter depth.

Item No.	Light source	Lens	The manufacturer selected lens degree (θ1/2)	Input voltage(V)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B5AB0316	3×2W	B1	15	24VDC	240	5.8	Cool white=321 Warm white=274	06
B5AB0318	3×2W RGB 3in1 Full color	B8	25	24VDC	R=70 G=124 B=124	7.7	147	06
B5AC0616	6×2W	B1	15	24VDC	600	14.4	Cool white=745 Warm white=576	06
B5AC0618	6×2W RGB 3in1 Full color	B8	25	24VDC	R=200 G=260 B=260	17.3	300	06
B5AD1216	12×2W	B1	15	24VDC	1040	25	Cool white=950 Warm white=1219	06
B5AD1218	12×2W RGB 3in1 Full color	B8	25	24VDC	R=400 G=500 B=500	33.6	600	06



underwater LED food light

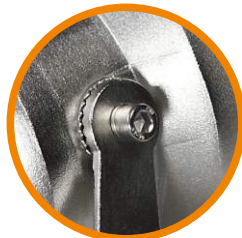
Completely stainless steel housing & accessory



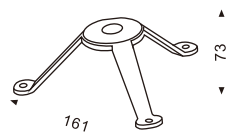
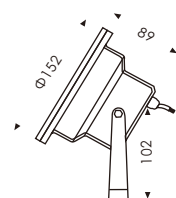
Applicable COB LED Motule



R0125C061HM 25°



The application of gear enables fixture to fit bracket perfectly.

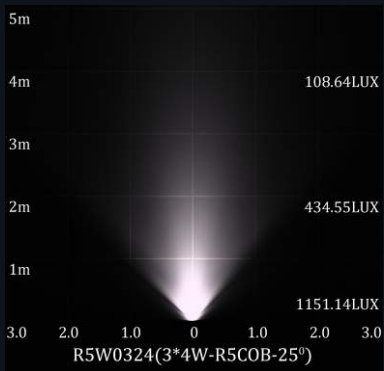


Stainless steel tripod

Material specifications

Front cover&Housing	Molding shaped sus 316" stainless steel
Bracket	Molding shaped sus 316" stainless steel
Glass	Clear tempered glass.T=5mm
Reflector	Optical Reflector efficiency≥90%
Cable gland	IP-68 PG-11 copper with nickel-coated
LED	Multi chip on board LED
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥3.0w/mk
Driver	Constant current output
Application environment	Temperature of water between -20℃~40℃ less than 1 meter depth.
Power cable	Input: H07RN-F 2×1.0mm²L=3m

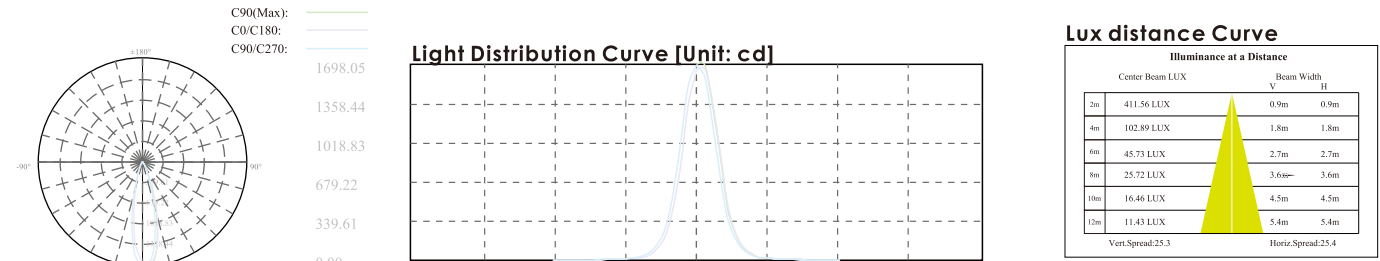
Item No.	Light source	Degree (θ1/2)	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
R5W0324	3×4W CITIZEN COB	25	24VDC	700	16.8	Cool white=1162 Warm white=1074	08



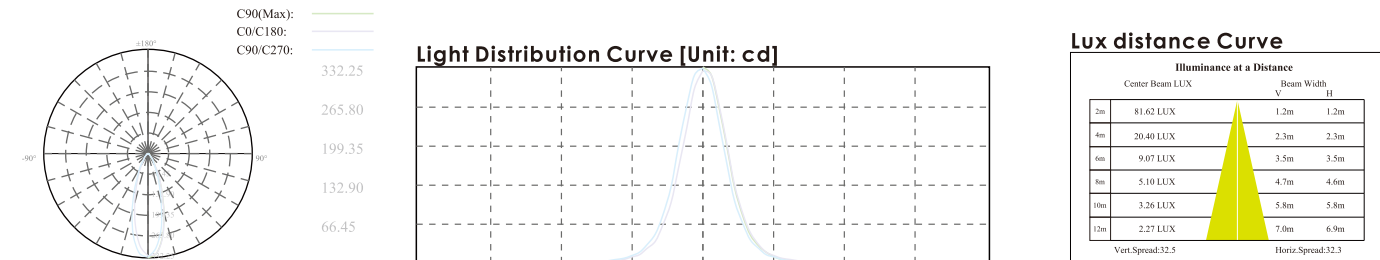
Distribution curve flux diagram for underwater spot light series



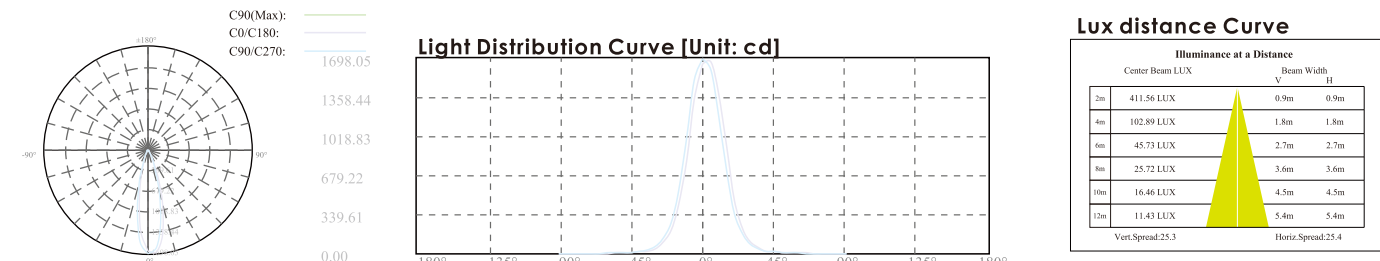
Graphical representation for B5W0616 warm white light



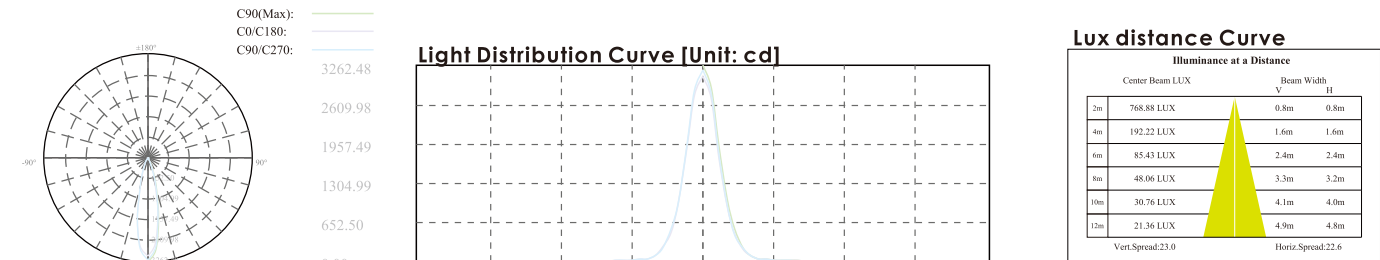
Graphical representation for B5AB0316 warm white light



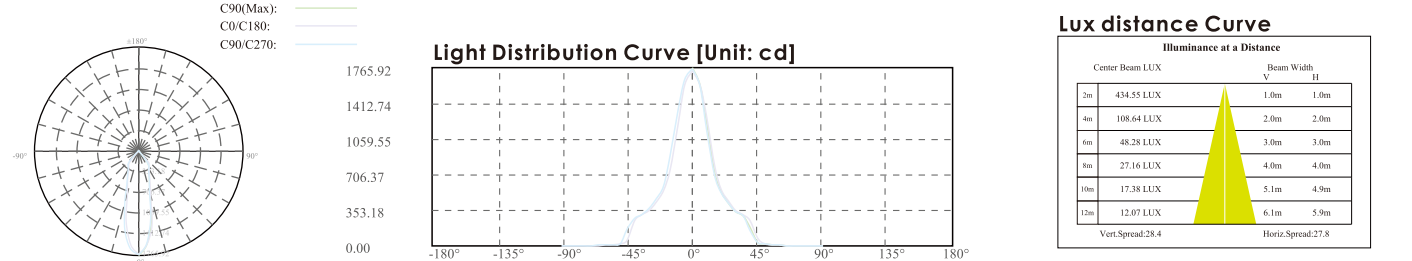
Graphical representation for B5AC0616 warm white light



Graphical representation for B5AD1216 warm white light



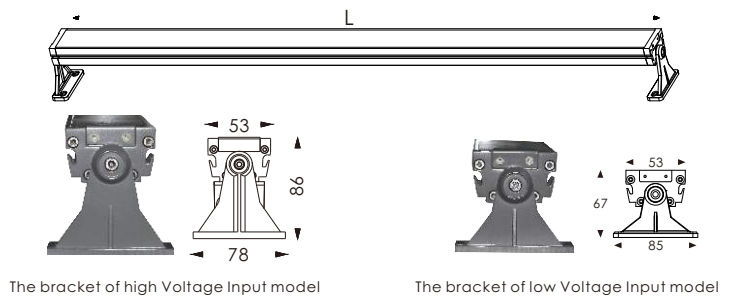
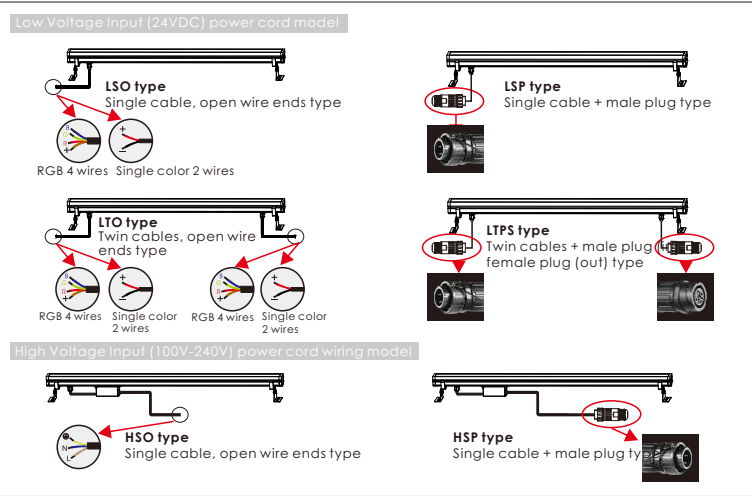
Graphical representation for R5W0324 warm white light







High power LED wall washer



Material specifications

Housing	Extruded aluminum, powder coated
Bracket	12" Die-casting powder coated aluminum .
Glass	Tempered glass, T=3mm
Lens	Optical lens, efficiency≥85%
Cable gland	IP-68 PG-9 PVC
Gasket	Glass and housing are silicone sealed
LED	Single color OSRAM LED Multi color TO power LED
Operating temperature	-20℃~ 40℃
Power cable	RGB 24VDC: H05RN-F 4×0.75mm² L=0.5M 120/240V: H05RN-F 3×1.0mm² L=0.5M

Item No.	Light source	Lens	Lens degree selected by manufacturer (θ 1/2)	Length L= (mm)	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance (lm)	IK rate
B6QB1057	10×2W Single color	B33D	20	500	24VDC	1041	25	Cool white=1476 Warm white=1174	05
B6QB1018	10×2W RGB 3in1 Full color	B34D	30	500	24VDC	R=400 G=500 B=500	33.6	479	05
B6QB2057	20×2W Single color	B33D	20	1000	24VDC	2056	50	Cool white=2890 Warm white=2308	05
B6QB2018	20×2W RGB 3in1 Full color	B34D	30	1000	24VDC	R=800 G=1000 B=1000	67.2	956	05
B6QC1057	10×2W Single color	B33D	20	500	120/240	120V=253 240V=150	120V=30 240V=30	Cool white=1476 Warm white=1174	05
B6QC2057	20×2W Single color	B34D	20	1000	120/240	120V=474 240V=250	120V=56 240V=56	Cool white=2890 Warm white=2308	05

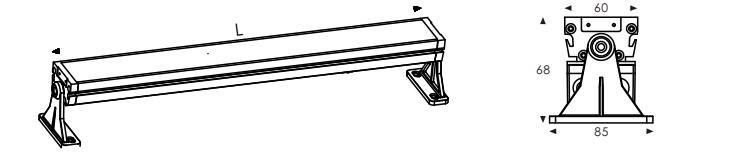
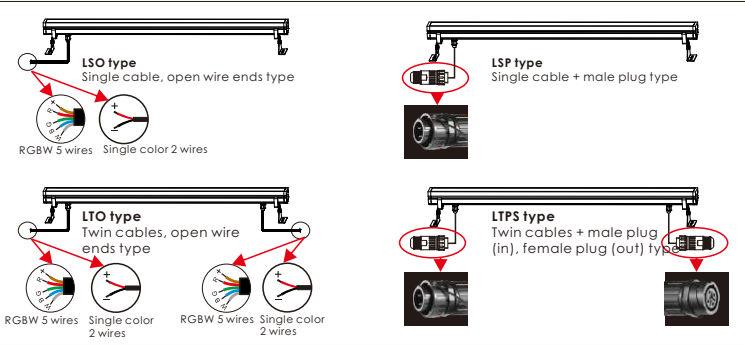




Red Green Blue White 4 color in 1 LED mixing wall washer

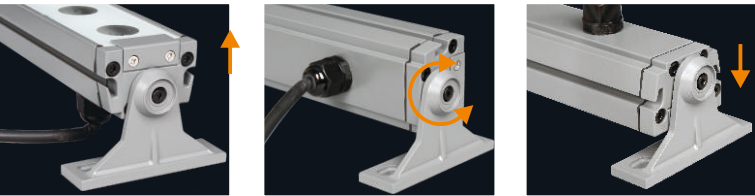


Low Voltage Input (24VDC) power cord model



Material specifications

Housing	Extruded aluminum, powder coated
Bracket	12" Die-casting powder coated aluminum
Glass	Tempered glass, T=3mm
Lens	Optical lens, efficiency≥85%
Cable gland	IP-68 PG-11 PVC
Connector	IP-68 plug male/female
Gasket	Glass and housing are silicone sealed
LED	RGBW 4in1 power LED
Operating temperature	-20℃~ 40℃
Power cable	Input: waterproof plug connector Output: waterproof socket connector RGBW 24VDC:



Item No.	Light source	Lens	Lens degree selected by manufacturer (° 1/2)	Length L= (mm)	Input voltage (v)	Typical operating current (mA)	Typical consumption (w)	Typical luminance (lm)	IK rate
A6FA0620	6×4W RGBW 4IN1	A23	30	500	24VDC	R=321 B=352 G=352 W=350	32	744	05
A6FA1220	12×4W RGBW 4IN1	A23	30	1003	24VDC	R=600 B=700 G=700 W=700	64	1904	05
C6FA0620	6×4W RGBW 4IN1	C6	45/35	500	24VDC	R=298 B=346 G=306 W=344	30	843	05