



## Wall Recessed RGB LED Pool Light

Completely Hard Chromeplated Stainless Steel SUS 316&316L# Housing and Accessory

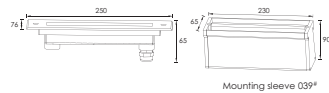
LED Wave Length	Optics
R =620-630 nm G =520-530 nm B =460-470 nm	B2 L0130D022MS 30°

B2

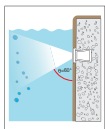


30°

### Outer Dimensions



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



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



### Material specifications

Front cover & Housing	Hard chromeplated Molding shaped stainless steel SUS 316 #
Front plate	Hard chromeplated Stainless steel sus 316L*
Light Window	Step tempered glass.1=9mm
Gasket	Silicone Gasket
Lens	Asymmetrical optical lens,efficiency≥85%
PCB	Excellent heat conductivity aluminum,coefficient of heat Conductivity22.0w/mk
LED Driver	Constant Voltage Input,Constant Current Output
Power Cable	H07RN-F 4X1.0mm² L=3.0m
Application environment	Temperature of water between -20°C~40°C less than 1 meter depth.
Cable gland	IP-68 PG-11 copper with nickel-coated
Mounting sleeve	039# ABS



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Completely Hard chromeplated Stainless Steel SUS 316L# Housing and Accessory

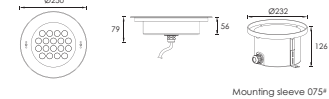
LED Wave Length	Optics
• R =620-630 nm • G =520-530 nm • B =460-470 nm	B8 L0215D023KP 25°

B8

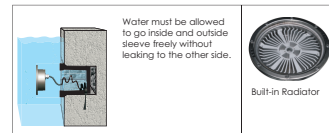


25°

### Outer Dimensions



**Warning:**  
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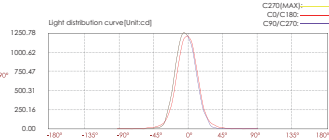
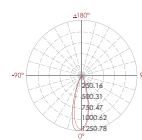
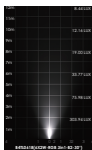
Built-in Radiator



### Material specifications

Front cover & Housing	Hard chromeplated Molding shaped stainless steel SUS 316L*
Light Window	Step tempered glass.1=10mm
Gasket	Silicone Gasket
Lens	Optical lens,efficiency≥85%
Glass pressure capacity	Excellent heat conductivity aluminum,coefficient of heatConductivity22.0w/mk
PCB	Full area=5012kg
Cable gland	IP-68 PG-11 copper with nickel-coated
LED Driver	Constant Voltage Input,Constant Current Output
Power Cable	H07RN-F 4X1.0mm² L=3.0m
Application environment	Temperature of water between -20°C~40°C less than 1 meter depth.
Mounting sleeve	075# ABS

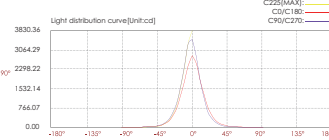
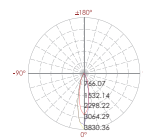
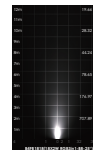
Item	Light source	Lens	The manufacturer selected lens degree(°)θ1/2	Input voltage(v)	Typical operating current(mA)	Typical consumption(w)	Typical luminance(lm)	IK rate
B4TL0618	6 x 2W RGB 3in1 Full color	B2	30°	24V DC	R = 200 G = 250 B = 250	16.8	288	08



Lux distance curve

Illuminance at a distance			
Center beam LUX		Beam width H	
2m	303.94 LUX	1.1m	1.0m
4m	75.98 LUX	2.2m	2.0m
6m	33.77 LUX	3.3m	3.1m
8m	19.00 LUX	4.4m	4.1m
10m	12.16 LUX	5.5m	5.1m
12m	8.44 LUX	6.6m	6.1m
Var.Spread:30.8		Hori.Spread:28.6	

Item	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
B4FB1818	18 x 2W RGB 3in1 Full color	B8	25°	24V DC	R = 630 G = 770 B = 770	52.0	990	10



### Lux distance curve

Illuminance at a distance		Beam width	
Center beam LUX		H	
2m	707.89 LUX	0.9m	0.8m
4m	176.97 LUX	1.7m	1.5m
6m	78.65 LUX	2.6m	2.3m
8m	44.24 LUX	3.5m	3.1m
10m	28.32 LUX	4.4m	3.8m
12m	19.64 LUX	5.2m	4.6m
Ver.Spread 24.7		Hori.Spread 21.6	