

Recessed RGB LED Inground Light

LED Wave Length

R =620-630 nm
G =520-530 nm
B =460-470 nm

Optics



B49
L0120D023KP 20°
L0130D023KP 30°



FB2CDR0318



FB2CDS0318

B49



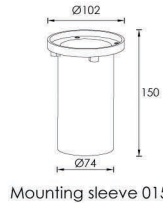
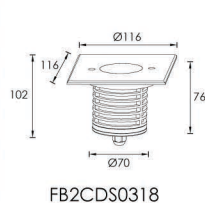
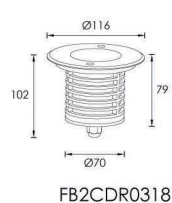
20°



30°

Outer Dimensions

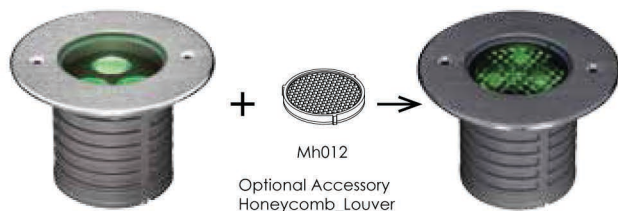
Unit:mm



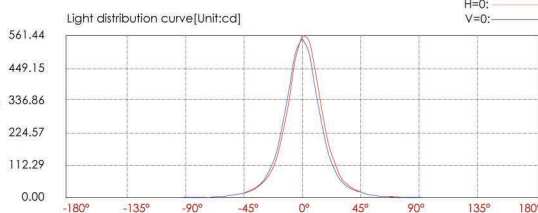
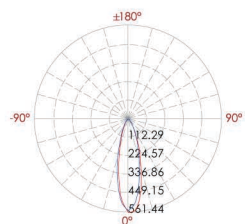
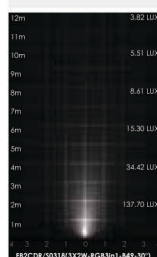
Material Specifications

Housing	12# Die-casting grey powder coated aluminum. T=60-80µm Adhesion of ISO class 1/ASTM class 4B
Front ring	Hard chromeplated stainless steel SUS 316L#
Light Window	Step tempered glass.T=8mm
Glass pressure capacity	Full area=2578kgs
Cable gland	IP68 PG-9 PA66
PCB	Excellent heat conductivity aluminum, coefficient of heat Conductivity≥2.0w/mk
LED	SMD 3535 3 IN 1 LED
Lens	Optical lens.efficiency≥85%
Operating temperature	-20°C~40°C
Power Cable	H05RN-F 4X0.75mm² L=0.5m
Mounting sleeve	ABS 015#

Product Overview



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
○ FB2CDR0318	3×2W RGB 3in1 Full color	B49	30°	24V DC	R = 64 G = 110 B = 110	6.8	205	09
□ FB2CDS0318	3×2W RGB 3in1 Full color	B49	30°	24V DC	R = 64 G = 110 B = 110	6.8	205	09



Lux distance curve

Distance	Center beam LUX	Beam width V	Beam width H
2m	137.70 LUX	1.0m	1.0m
4m	34.72 LUX	2.0m	1.9m
6m	15.30 LUX	3.0m	2.9m
8m	8.61 LUX	4.0m	3.9m
10m	5.51 LUX	5.0m	4.9m
12m	3.82 LUX	6.0m	5.8m

Ver.Spread:27.9 Horiz.Spread:27.3