

PRODUCT DATASHEET

IP65+All PC+High luminous efficiency - Wall Light
HYD-O1-12W 6500K



Application

- Villa
- Courtyard
- Doorway
- Balcony
- Corridor

Benefits

- Flicker free
- Lighting coverage area is wide
- Protection against water & dust, IP65
- Low power, high light efficiency, energy saving and environmental protection

Features

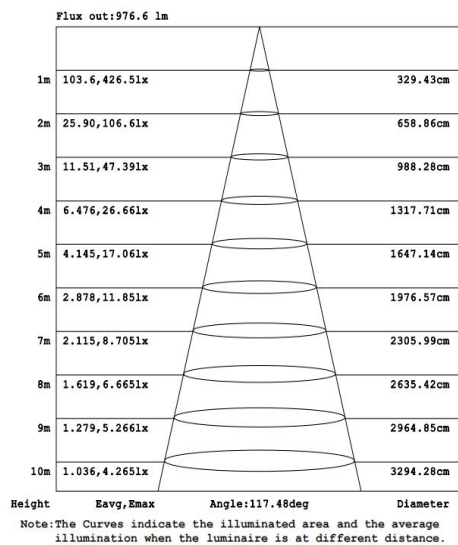
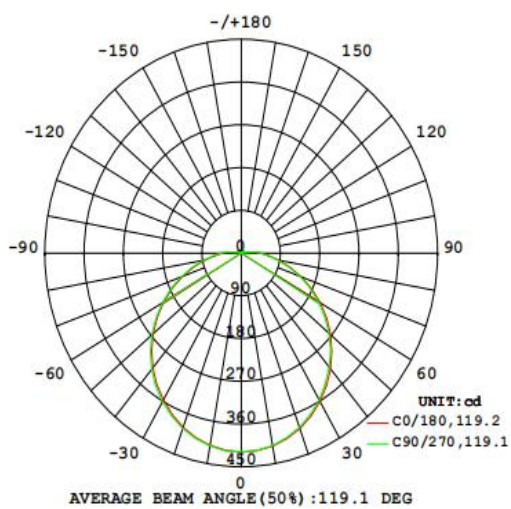
- Warranty 3 years
- All PC, Good light transmission
- High light transmission mask to ensure uniform light, reduce the dark area of the lighting environment

Electrical Data

Nominal wattage (W)	12W
Nominal Voltage (V)	110-240 V
Mains Frequency (Hz)	50/60 Hz
Nominal Current (mA)	55
LED Driver Current (mA)	320
LED Driver Voltage (VDC)	36
LED Driver Efficiency (%)	83%
Power Factor λ	0.9
Operating mode	Built in LED driver

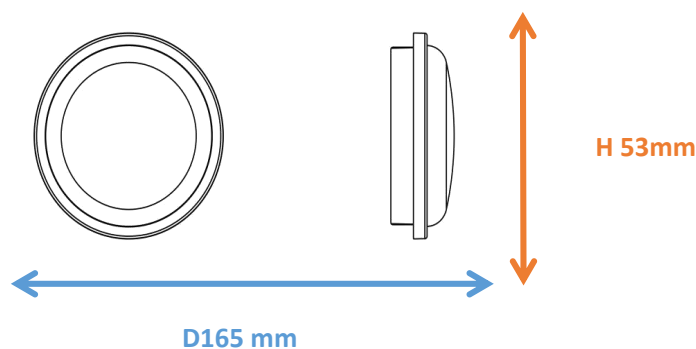
Photometrical data

Luminous flux $\pm 10\%$ (lm)	1397
Luminous efficacy	118
Color temperature	6500K
Light color (designation)	Cold White
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 5 SDCM
Luminous intensity/cd	419
Flickering	Flicker free
Beam angle	120 °



Dimensions & Weight

Diameter (mm)	165
Height (mm)	53
Product weight (g)	201



Material & Colors

Product color	All White
Housing color	White
Body material	PC
Cover material	PC
Reflector color	White
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30°C~+50 °C
Temperature range at storage	-40°C~+50 °C
Type of connection	Screw terminal
Type of protection	IP65
Dimmable	No
Mounting type	Surface mounted
Mounting location	Wall/Ceiling
Application environment	Indoor/Outdoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

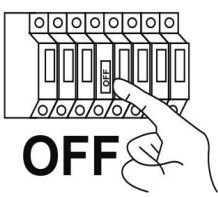
Certificates & Lifespan

Life (h)	30,000
Certificates	CB CE LVD EMC
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-O1-12W	54.5*50*37.5 cm	48	...	0.10219 m ³

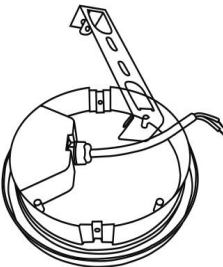
Installation Method

① 

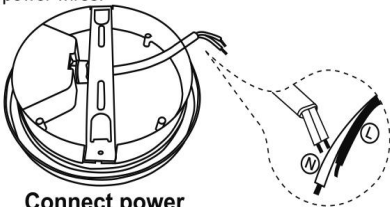
②

Model	Product Size
HYD-O1-12W/3K, HYD-O1-12W/4K, HYD-O1-12W/6.5K	165x165x53mm
HYD-O1-20W/3K, HYD-O1-20W/4K, HYD-O1-20W/6.5K	220x220x67mm

③ Remove the Screws and the brace.

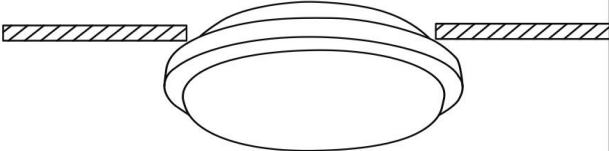


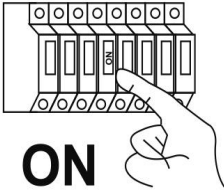
④ Attach the brace to the ceiling and connect the driver to the power wires.



Connect power
110-240V
50/60Hz

⑤ The driver will be contained in the lighting fixture. Secure the brace inside the fixture by screws on both ends to finish installation.



⑥ 

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.