HYUNDAI
LIGHTING

PRODUCT DATASHEET

IP65+Aluminum+High luminous efficiency - Wall Light
HYD-W09B-15W*2 3000K

Application

• Villa
• Courtyard
• Doorway
• Balcony
• Corridor

Benefits

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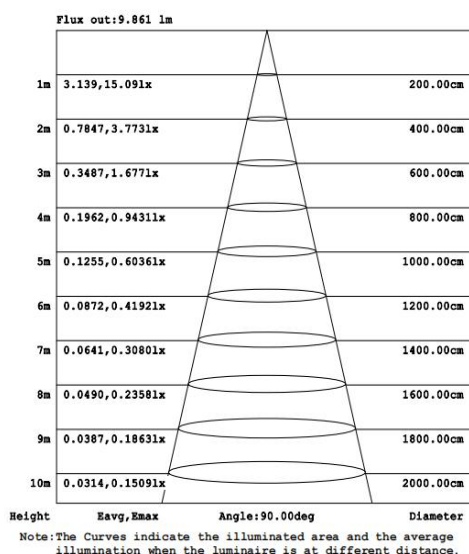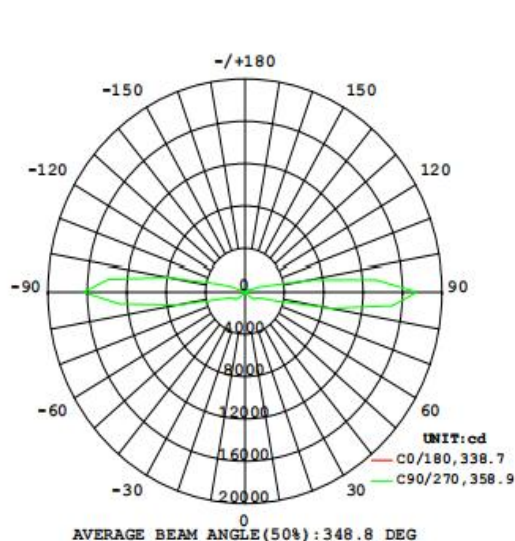• Low power, high light efficiency, energy saving and environmental protection

Features

• Warranty 5 years
• Glass,Good light transmission
• High light transmission mask to ensure uniform light, reduce the dark area of the lighting environment

Electrical Data

Nominal wattage (W)	15W*2
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50/60 Hz
Nominal Current (mA)	50
LED Driver Current (mA)	700
LED Driver Voltage (VDC)	28-42
LED Driver Efficiency (%)	...
Power Factor λ	0.95
Total harmonic distortion (%)	...
Operating mode	Built in LED driver

Photometrical data

Luminous flux ±10% (lm)	3173 lm
Luminous efficacy	116 lm/w
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	17438
Flickering	Flicker free
Beam angle	349°

AVERAGE BEAM ANGLE(50%):348.8 DEG

C0/180,338.7
C90/270,358.9
UNIT:cd

Flux out:9.861 lm

Height	Eavg,Emax	Angle:90.00deg	Diameter
1m	3.139,15.091x		200.00cm
2m	0.7847,3.7731x		400.00cm
3m	0.3487,1.6771x		600.00cm
4m	0.1962,0.94311x		800.00cm
5m	0.1255,0.60361x		1000.00cm
6m	0.0872,0.41921x		1200.00cm
7m	0.0641,0.30801x		1400.00cm
8m	0.0490,0.23581x		1600.00cm
9m	0.0387,0.18631x		1800.00cm
10m	0.0314,0.15091x		2000.00cm

Note:The Curves indicate the illuminated area and the average
illumination when the luminaire is at different distance.

IES

Dimensions & Weight

Diameter (mm)	108
Height (mm)	250
Product weight (g)	1345
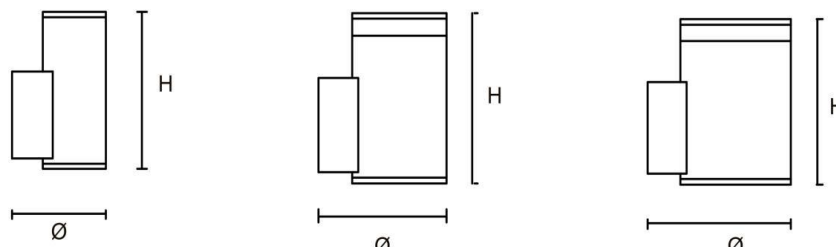
Material & Colors

Product color	Clear glass / Black Housing
Housing color	Black
Body material	Aluminum
Cover material	Glass
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
Application environment	Indoor / Outdoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	50,000
Certificates	CB CE LVD EMC
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-W09B-15W*2	...	...	...	...

This is the estimated data. Subject to the actual shipment.

Installation Method

Wall
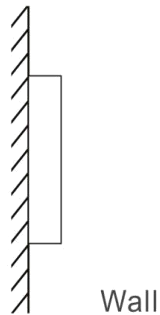
Disclaimer

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