HYUNDAI
LIGHTING

PRODUCT DATASHEET

IP65+Aluminum+High luminous efficiency - Wall Light
HYD-W20-10W 3000K

Application

• Villa
• Courtyard
• Doorway
• Balcony
• Corridor

Benefits

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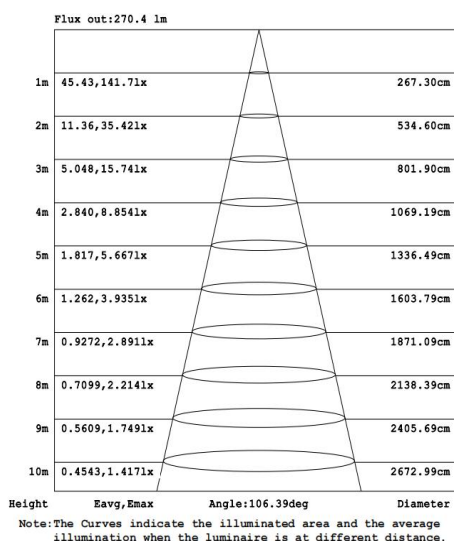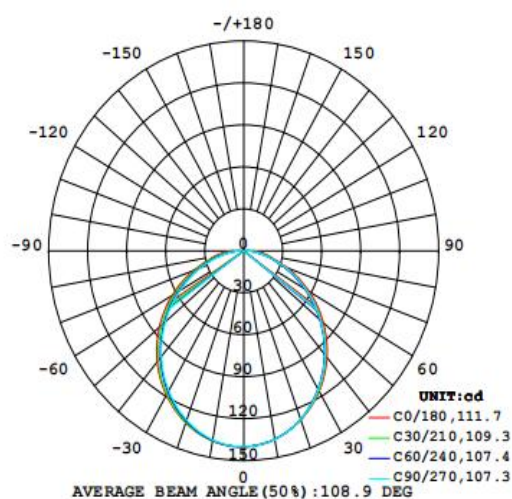• Low power, high light efficiency, energy saving and environmental protection

Features

• Warranty 5 years
• 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)	10 W
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50
Nominal Current (mA)	79
LED Driver Current (mA)	300
LED Driver Voltage (VDC)	28-42
LED Driver Efficiency (%)	...
Power Factor λ	0.55C
Total harmonic distortion (%)	...
Operating mode	Built in LED driver

Photometrical data

Luminous flux ±10% (lm)	389 lm
Luminous efficacy	38 lm/w
Color temperature	6500K
Light color (designation)	Cold White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	140
Flickering	Flicker free
Beam angle	109 °

UNIT:cd
— C0/180 ,111.7
— C30/210,109.3
— C60/240,107.4
— C90/270,107.3
AVERAGE BEAM ANGLE(50%):108.9 DEG

Flux out:270.4 lm

Height	Eavg,Emax		Diameter
1m	45.43,141.7lx		267.30cm
2m	11.36,35.42lx		534.60cm
3m	5.048,15.74lx		801.90cm
4m	2.840,8.854lx		1069.19cm
5m	1.817,5.667lx		1336.49cm
6m	1.262,3.935lx		1603.79cm
7m	0.9272,2.891lx		1871.09cm
8m	0.7099,2.214lx		2138.39cm
9m	0.5609,1.749lx		2405.69cm
10m	0.4543,1.417lx		2672.99cm

Angle:106.39deg

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

IES

Dimensions & Weight

Diameter (mm)	220
Height (mm)	80
Product weight (g)	...

H 80mm

D 220mm
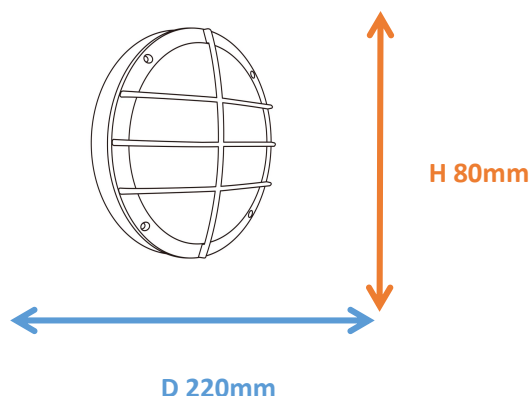
Material & Colors

Product color	White light cover/Black or Bule Housing
Housing color	Black or Bule
Body material	Aluminum
Cover material	PC
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-W20-10W	...	...	...	...

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

Installation Method

Wall
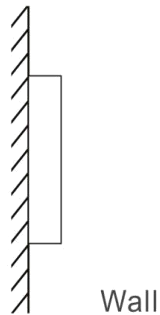
Disclaimer

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