HYUNDAI
LIGHTING

PRODUCT DATASHEET

Evergreen Style Design Recesse Mounted Panel Light
HYD-116C-7W 6500K

Application

- Household living room
- Mall
- Commercial place
- Corridors
- Hotel

Benefit

- Flicker free
- Low lumen depreciation
- Internal reflector to increase optical efficiency
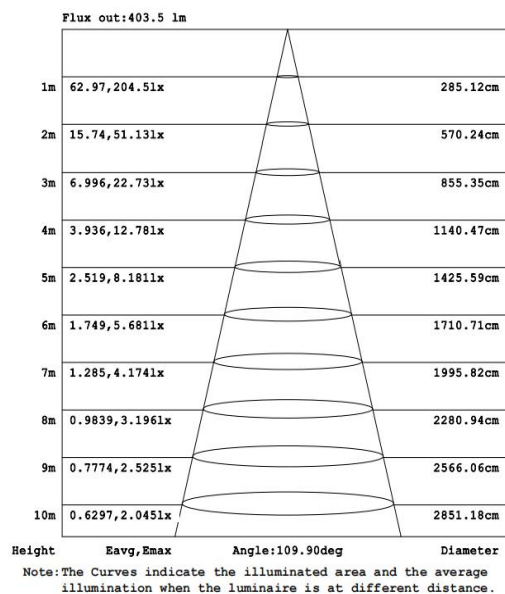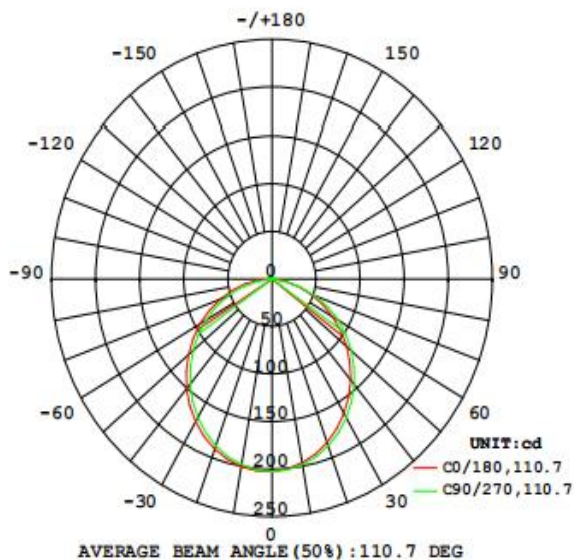- Detachable driver design or DOB design could be option

Feature

- Warranty 5 years
- Yellowing-resistant diffuser (PC)
- Buckle design, easy and quick installation
- Die-cast aluminum body for better heat dissipation, anti-corrosion

Electrical Data

Nominal wattage (W)	**7W**
Nominal Voltage (V)	220-240
Mains Frequency (Hz)	50-60
Nominal Current (mA)	58
LED Driver Current (mA)	300
LED Driver Voltage (V)	15-24
LED Driver Efficiency (%)	80%
Power factor λ	0.5C
Total harmonic distortion (%)	…
Operating mode	External LED driver

Photometrical data

Luminous flux ±10% (lm)	570
Luminous efficacy (lm/w)	82
Color temperature	**6500K**
Light color (designation)	Cold White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity	203 cd
Flickering	Flicker free
Beam angle	111 °

AVERAGE BEAM ANGLE (50%) :110.7 DEG

UNIT:cd
— C0/180,110.7
— C90/270,110.7

Flux out:403.5 lm

Height	Eavg,Emax	Angle:109.90deg	Diameter
1m	62.97,204.51x		285.12cm
2m	15.74,51.131x		570.24cm
3m	6.996,22.731x		855.35cm
4m	3.936,12.781x		1140.47cm
5m	2.519,8.1811x		1425.59cm
6m	1.749,5.6811x		1710.71cm
7m	1.285,4.1741x		1995.82cm
8m	0.9839,3.1961x		2280.94cm
9m	0.7774,2.5251x		2566.06cm
10m	0.6297,2.0451x		2851.18cm

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

Dimensions & Weight

Diameter (mm)	95
Height (mm)	24
Product weight (g)	155

Cut out

H 24mm

D 95mm
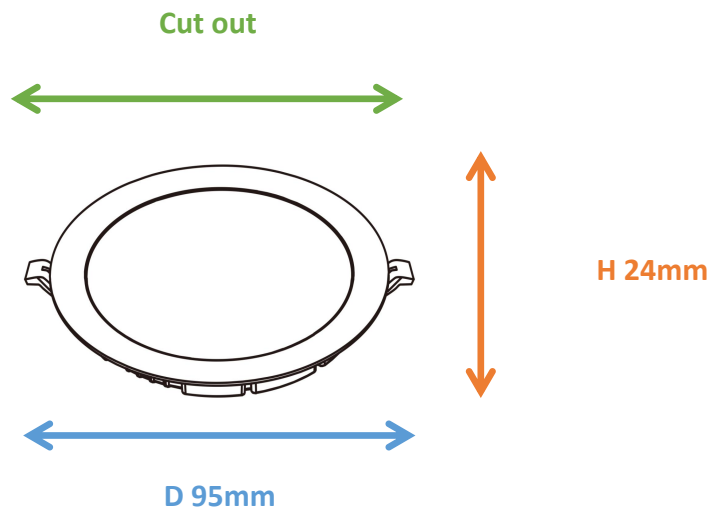
Material & Colors

Product color	White sink / White frame
Housing color	White
Body material	Aluminum
LGP material	PC
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10-45 °C
Temperature range at storage	-25-60 °C
Type of connection	Screwless terminal
Type of protection	IP20
Dimmable	No
Mounting type	Recesse mounted
Mounting location	Ceiling
Application environment	Indoor
Cut size (mm)	75
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

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

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-116C-7W	52*25*27.5 cm	50	...	0.03575

Installation Method

1. Cut hole according to lamp cut size

2. Cut off electrical power connect the lamp wire.
110-240V 50/60Hz

3. Install the lamp onto the ceiling

4. Like this finish installation
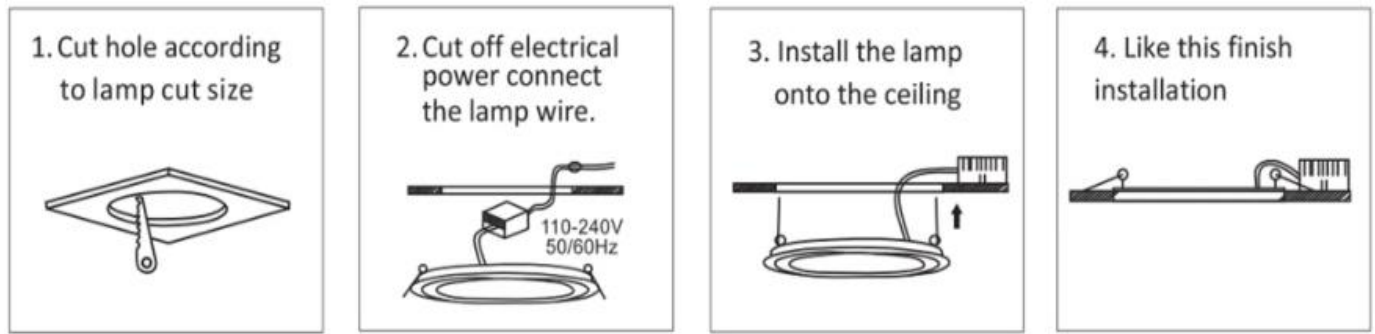
Disclaimer

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