HYUNDAI
LIGHTING

PRODUCT DATASHEET

Recessed Panel light
HYD-116E-10W 6500K

Application

• Office
• Kitchen
• Rest room
• Corridor
• Shop

Benefits

• Flicker free.
• The light is soft and bright
• Drive stable,safe and reliable
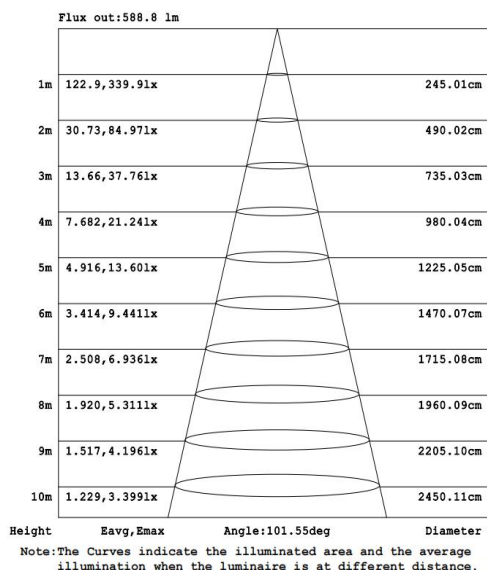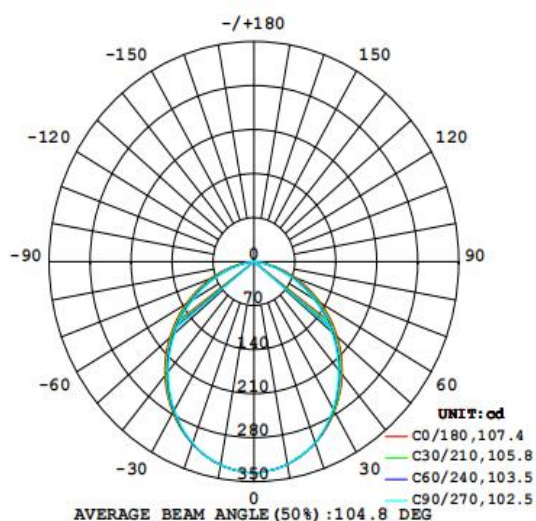• High light transmission mask to ensure uniform light

Features

• Efficient and durable
• Easy and quick installation
• Light body thin design, reduce space occupancy
• Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain

Electrical Data

Nominal wattage (W)	**10W**
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50
Nominal Current (mA)	86
LED Driver Current (mA)	250
LED Driver Voltage (VDC)	30-42
LED Driver Efficiency (%)	83%
Power Factor λ	0.55C
Total harmonic distortion (%)	...
Operating mode	External LED driver

Photometrical data

Luminous flux ±10% (lm)	856 lm
Luminous efficacy	85 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	335
Flickering	Flicker free
Beam angle	105 °

UNIT:cd

— C0/180,107.4
— C30/210,105.8
— C60/240,103.5
— C90/270,102.5

AVERAGE BEAM ANGLE (50%) :104.8 DEG

Flux out:588.8 lm

Height	Eavg,Emax	Angle:101.55deg	Diameter
1m	122.9,339.91x		245.01cm
2m	30.73,84.971x		490.02cm
3m	13.66,37.761x		735.03cm
4m	7.682,21.241x		980.04cm
5m	4.916,13.601x		1225.05cm
6m	3.414,9.4411x		1470.07cm
7m	2.508,6.9361x		1715.08cm
8m	1.920,5.3111x		1960.09cm
9m	1.517,4.1961x		2205.10cm
10m	1.229,3.3991x		2450.11cm

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

6500K

Dimensions & Weight

Diameter (mm)	120
Height (mm)	34
Product weight (g) / Drive not included	140

Cut out 95 mm

H 34 mm

D 120 mm
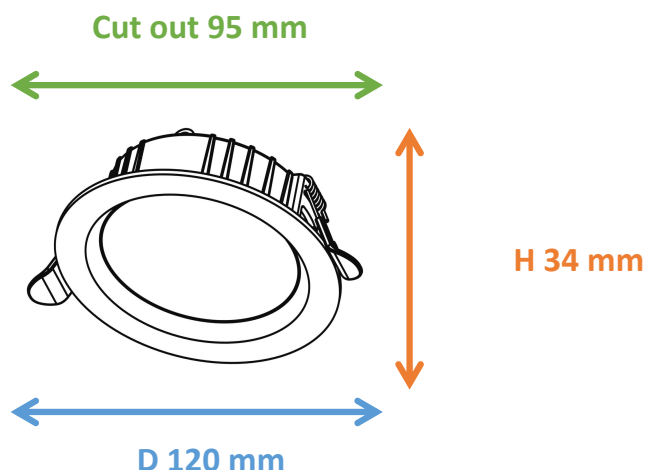
Material & Colors

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

Application & Mounting

Ambient temperature range	-20°C~+45 °C
Temperature range at storage	-25°C~+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)	95
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

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

Logistical Data

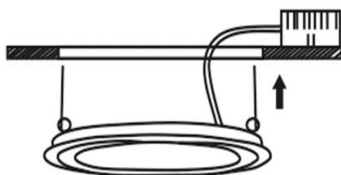| Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-116E-10W	67*27*32.5	50	...	0.05879

Installation Method

1.Cut hole according to lamp cut size

2.Cut off electrical power connect thelamp wire

110-240V
50/60Hz
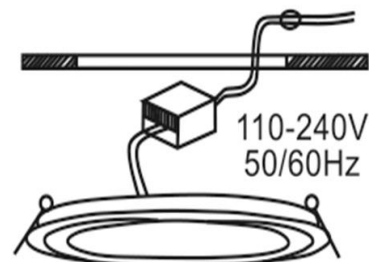
3.Install the lamp onto the ceiling

4.Like this finish installation

Disclaimer

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