HYUNDAI
LIGHTING

PRODUCT DATASHEET

Economic design Recessed mounted Downlight
HYD-255-2*7W-3000K

Application

- Commercial building
- Exibition Hall
- Warehouse
- Hotel
- Office

Benefits

- Flicker free
- Economic and Elegant design
- Low lumen depreciation,saving Energy Up to 60% Compared to FL lamps
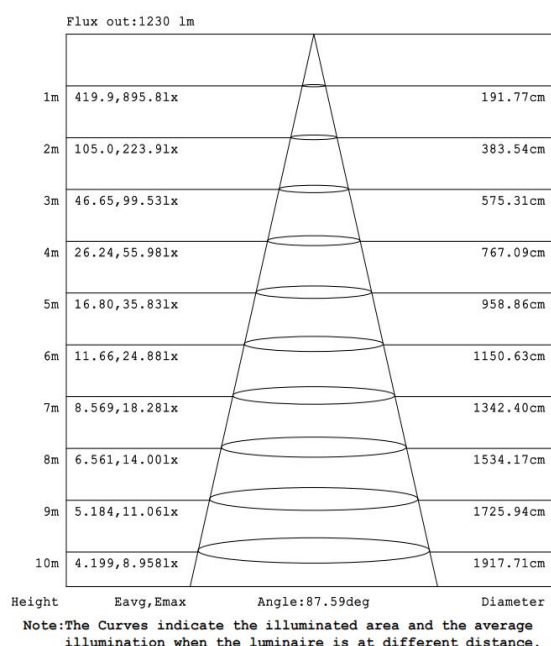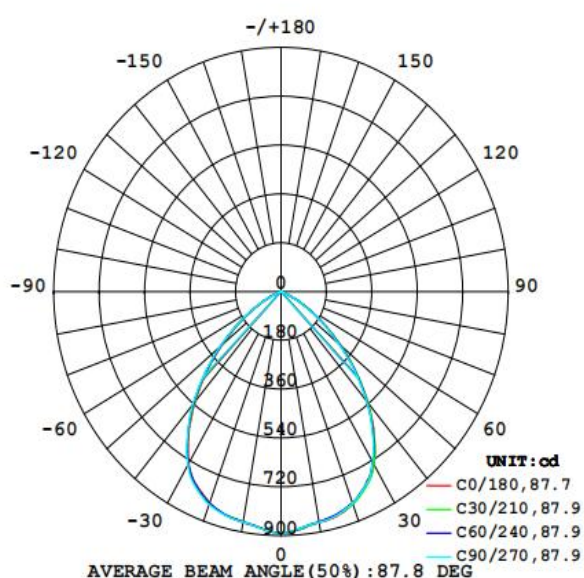- Brand high efficiency LED chips Up To 100lm/w

Features

- Warranty 5 years
- Buckle design, easy and quick installation
- Drivers independently designed for the products reliability and durability
- Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain

Electrical Data

Nominal wattage (W)	**2*7W**
Nominal Voltage (V)	220-240V
Mains Frequency (Hz)	50
Nominal Current (mA)	112
LED Driver Current (mA)	180
LED Driver Voltage (VDC)	30-40
LED Driver Efficiency (%)	82%
Power factor λ	0.5
Total harmonic distortion (%)	…
Operating mode	External LED driver

Photometrical data

Luminous flux ±10% (lm)	1652 lm
Luminous efficacy	110 lm/w
Color temperature	**3000K**
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	890
Flickering	Flicker free
Beam angle	88 °

UNIT:cd
C0/180,87.7
C30/210,87.9
C60/240,87.9
C90/270,87.9

AVERAGE BEAM ANGLE(50%):87.8 DEG

Flux out:1230 lm

Height	Eavg,Emax		Angle:87.59deg	Diameter
1m	419.9,895.81x			191.77cm
2m	105.0,223.91x			383.54cm
3m	46.65,99.531x			575.31cm
4m	26.24,55.981x			767.09cm
5m	16.80,35.831x			958.86cm
6m	11.66,24.881x			1150.63cm
7m	8.569,18.281x			1342.40cm
8m	6.561,14.001x			1534.17cm
9m	5.184,11.061x			1725.94cm
10m	4.199,8.9581x			1917.71cm

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

3000K

Dimensions & Weight

Length&Width (mm)	177*97
Height (mm)	35
Product weight (g)	...

Cut out 80*160mm

H 35mm

L&W 177*97mm
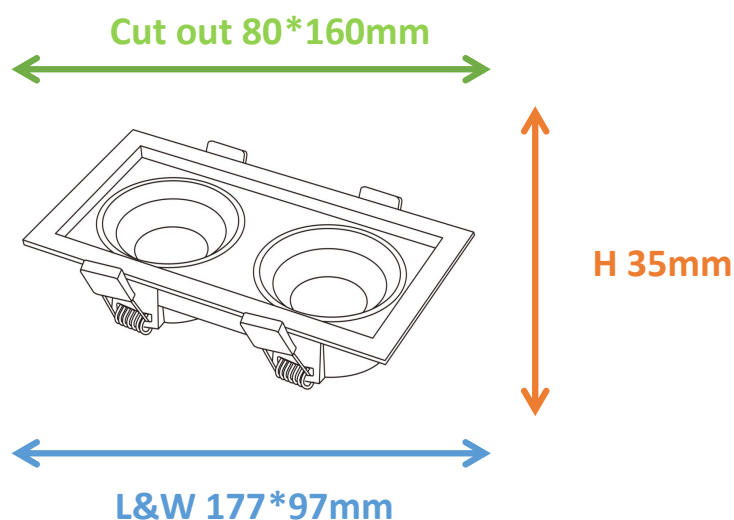
Material & Colors

Product color	White housing/Gun color reflective cup
Housing color	White
Body material	Aluminum
LGP material	PC
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10-40 °C
Temperature range at storage	-10-40 °C
Type of connection	Screwless terminal
Type of protection	IP20
Dimmable	No
Mounting type	Recessed mounted
Mounting location	Ceiling
Application environment	Indoor
Cut size (mm)	80*160
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	50000
Certificates	CB CE LVD EMC
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-255-2*7W	48*21.5*27.5 cm	20	...	0.02838

Installation Method

① OFF

②

Model	Hole diameter
HYD-255-2*7W	80*160mm
HYD-255-3*7W	80*240mm
HYD-255-4*7W	160*160mm

③ Connect power 220-240V 50/60Hz

④ Hold back spring clips,then push downlight into position

⑤ Install the lamp onto the ceiling.

⑥ ON

MIN 100mm
MIN 150mm   MIN 150mm
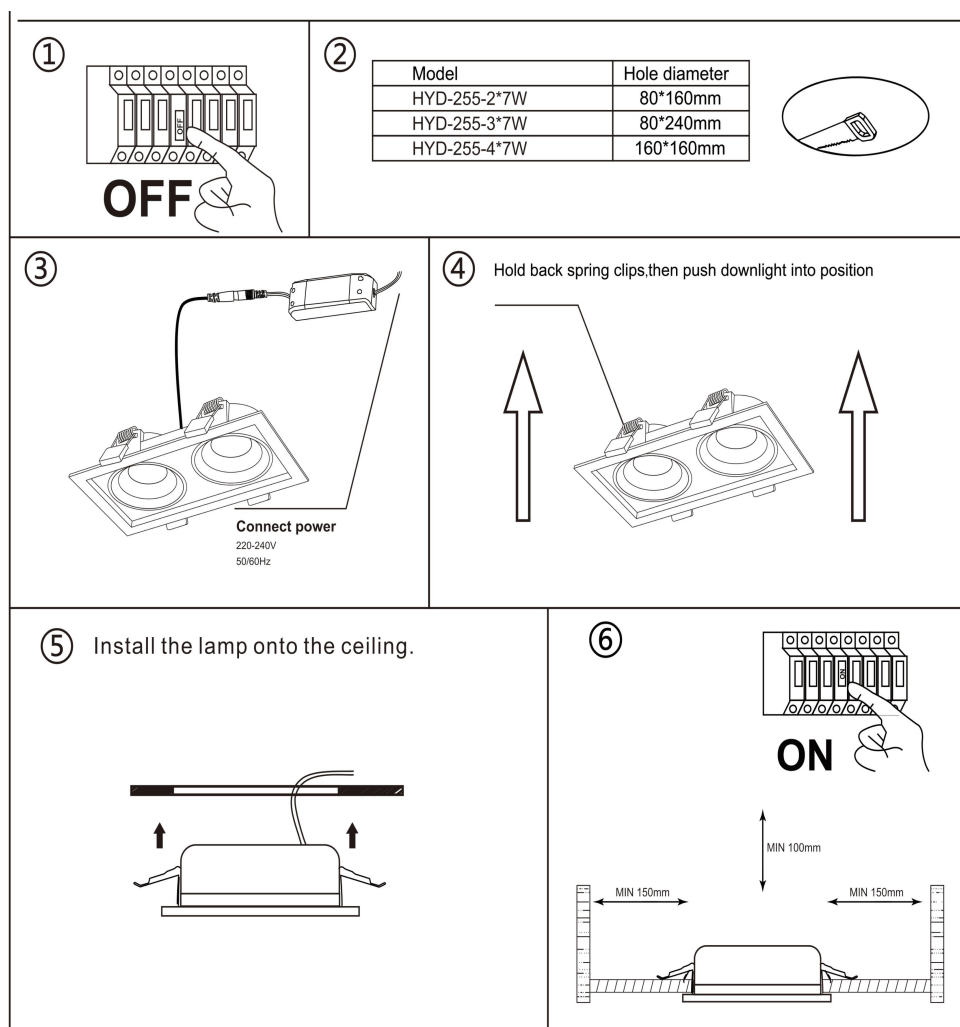
Disclaimer

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