PRODUCT DATASHEET

High light efficiency Recessed Down light
HYD-219C-30W 3K/4K/6K

Application

• Hotel
• Mall
• Lobby
• Theater
• Airport

Benefits

• Flicker free.
• Low lumen depreciation.
• Minimum Glare, more clear and comfortable
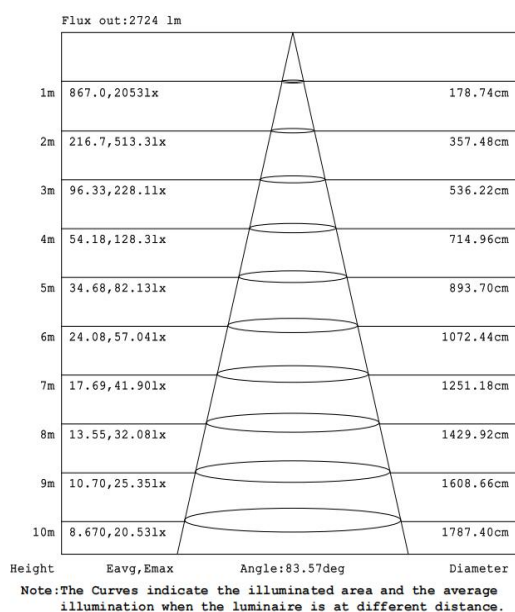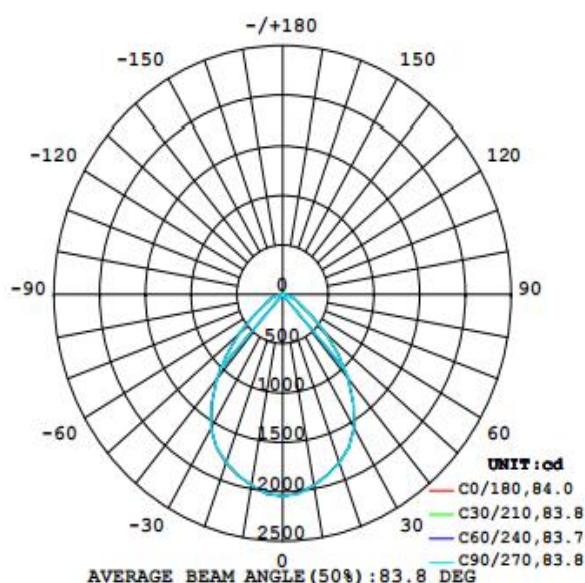• White inner cup, improve light efficiency, increase brightness

Features

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

![HYUNDAI LIGHTING]

Electrical Data

Nominal wattage (W)	**30 W**
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50
Nominal Current (mA)	134
LED Driver Current (mA)	750
LED Driver Voltage (V)	24-42
LED Driver Efficiency (%)	87%
Power Factor λ	0.95
Total harmonic distortion (%)	...
Operating mode	External LED driver

Photometrical data

Luminous flux ±10% (lm)	3338.1	3709	4079.9
Luminous efficacy (lm/w)	119.7	133	146.3
Color temperature	**3000K**	**4000K**	**6000K**
Light color (designation)	Warm White	Nature White	Cold White
Color rendering index Ra	≥80		
Standard deviation of color matching	≤5 SDCM		
Luminous intensity/cd	2045		
Flickering	Flicker free		
Beam angle	84 °		

AVERAGE BEAM ANGLE (50%) : 83.8 DEG

UNIT:cd
— C0/180,84.0
— C30/210,83.8
— C60/240,83.7
— C90/270,83.8

Flux out:2724 lm

Height	Eavg,Emax		Angle:83.57deg	Diameter
1m	867.0,20531x			178.74cm
2m	216.7,513.31x			357.48cm
3m	96.33,228.11x			536.22cm
4m	54.18,128.31x			714.96cm
5m	34.68,82.131x			893.70cm
6m	24.08,57.041x			1072.44cm
7m	17.69,41.901x			1251.18cm
8m	13.55,32.081x			1429.92cm
9m	10.70,25.351x			1608.66cm
10m	8.670,20.531x			1787.40cm

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

IES

Dimensions & Weight

Diameter (mm)	185
Height (mm)	95
Product weight (g)	...

Cut out 165mm

H 95mm

D 185mm
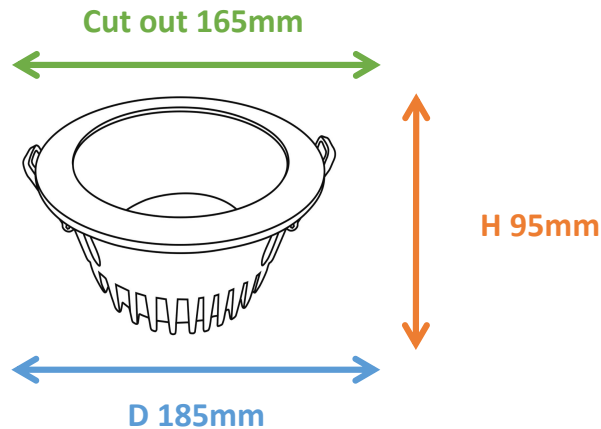
Material & Colors

Product color	White Lamp cup / Brown Housing
Housing color	Brown
Body material	Aluminum
Cover material	PC
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10°C~+40 °C
Temperature range at storage	-10°C~+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)	165
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-219C-30W	62*42*42.5 cm	20	...	0.11067

Installation Method
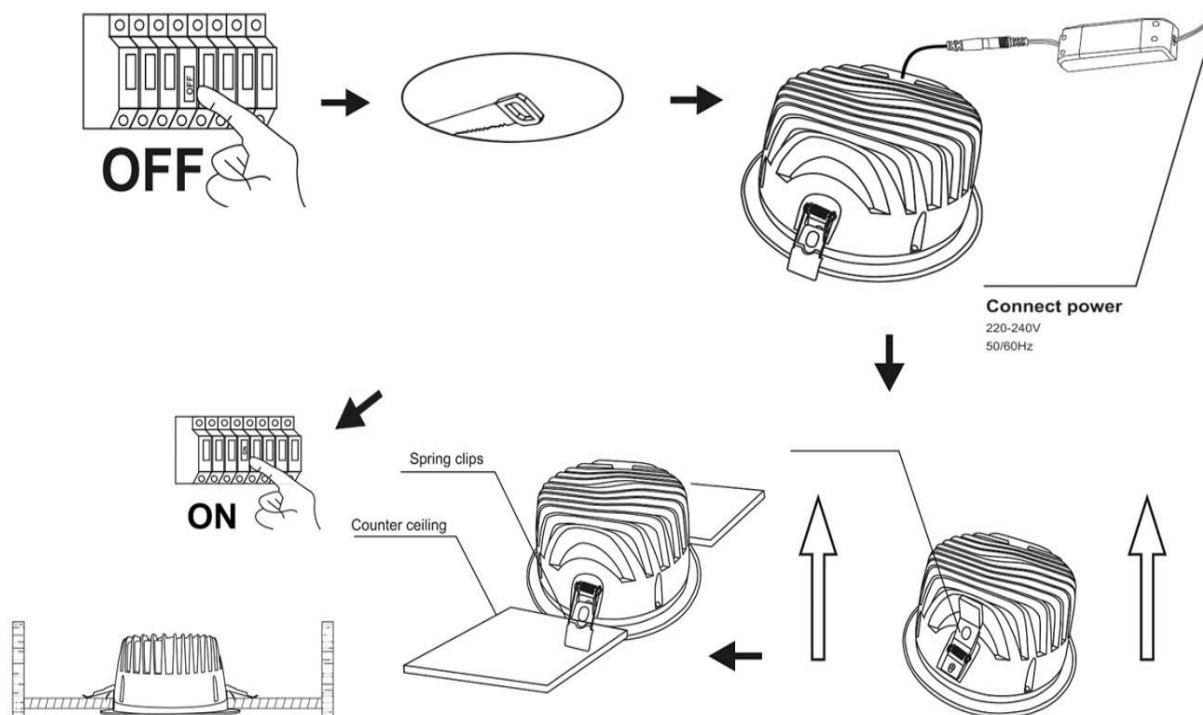
Disclaimer

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