

## PRODUCT DATASHEET

High light efficiency Recessed Down light  
HYD-219C-20W 4000K



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### Application

- Hotel
- Mall
- Lobby
- Theater
- Airport

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### Benefits

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

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### Features

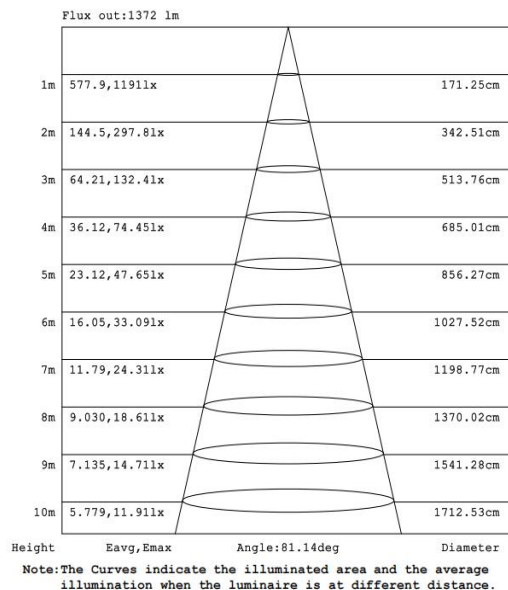
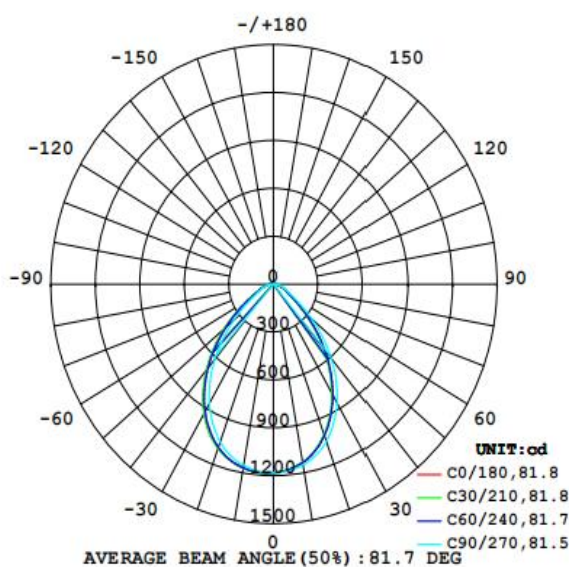
- Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain
- Yellowing-resistant diffuser (PC)
- Buckle design, easy and quick installation
- Warranty 5 years

## Electrical Data

Nominal wattage (W)	<b>20 W</b>
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50
Nominal Current (mA)	143
LED Driver Current (mA)	500
LED Driver Voltage (V)	27-42
LED Driver Efficiency (%)	85%
Power Factor λ	0.55C
Total harmonic distortion (%)	...
Operating mode	External LED driver

## Photometrical data

Luminous flux ±10% (lm)	2103 lm
Luminous efficacy	115 lm/w
Color temperature	<b>4000K</b>
Light color (designation)	Nature White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	1189
Flickering	Flicker free
Beam angle	82 °



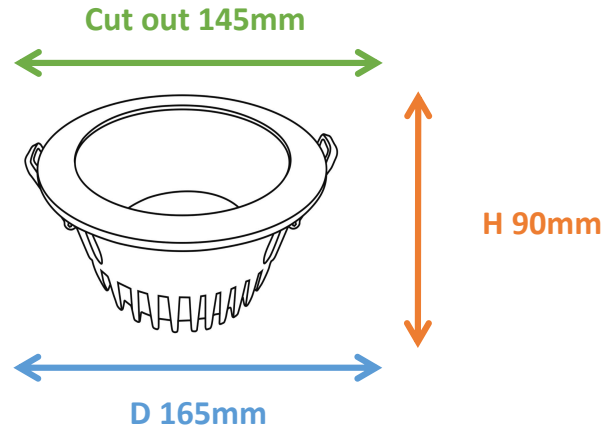
Flux out:1372 lm

Height	Eavg, Emax	Angle:81.14deg	Diameter
1m	577.9,1191lx		171.25cm
2m	144.5,297.8lx		342.51cm
3m	64.21,132.4lx		513.76cm
4m	36.12,74.45lx		685.01cm
5m	23.12,47.65lx		856.27cm
6m	16.05,33.09lx		1027.52cm
7m	11.79,24.31lx		1198.77cm
8m	9.030,18.61lx		1370.02cm
9m	7.135,14.71lx		1541.28cm
10m	5.779,11.91lx		1712.53cm

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

## Dimensions & Weight

Diameter (mm)	165
Height (mm)	90
Product weight (g)	...



## 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)	145
LED module replaceable	Not replaceable
With light source	Yes

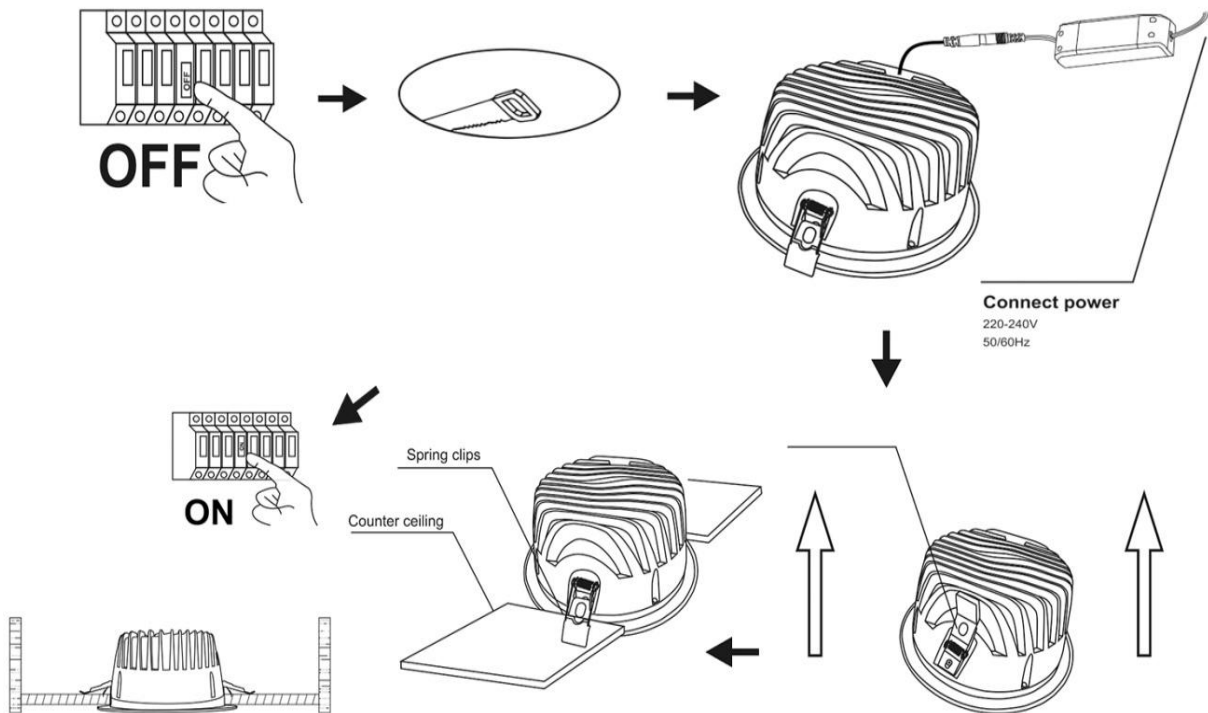
## Certificates & Lifespan

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-20W	57*38*56.5 cm	30	...	0.12238

## Installation Method



## Disclaimer

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