

## PRODUCT DATASHEET

**Recessed Panel light**  
**HYD-102R-12W 4000K**



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### Application

- Office
- Kitchen
- Rest room
- Corridor
- Shop

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### Benefits

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

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### Features

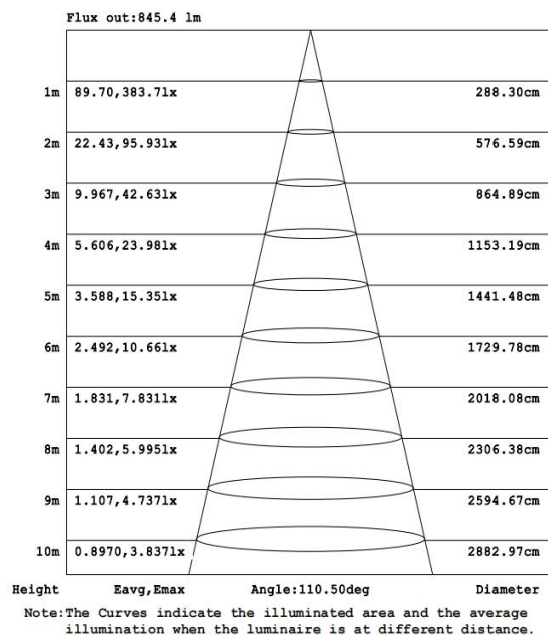
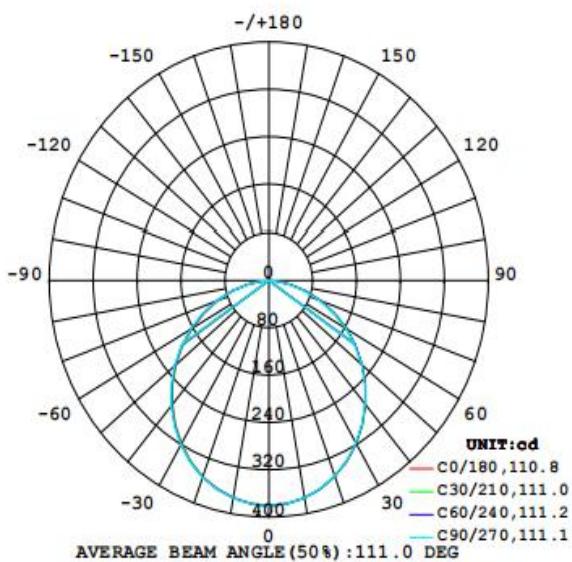
- Efficient and durable
- Easy and quick installation
- Light body thin design, reduce space occupancy
- Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain

## Electrical Data

Nominal wattage (W)	<b>12W</b>
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50
Nominal Current (mA)	99
LED Driver Current (mA)	300
LED Driver Voltage (VDC)	30-42
LED Driver Efficiency (%)	83%
Power Factor $\lambda$	0.55C
Total harmonic distortion (%)	...
Operating mode	External LED Driver

## Photometrical data

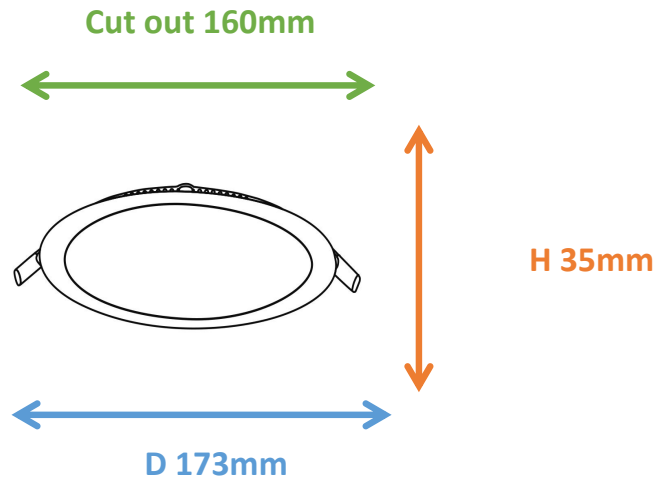
Luminous flux $\pm 10\%$ (lm)	1067 lm
Luminous efficacy	88 lm/w
Color temperature	<b>4000K</b>
Light color (designation)	Natural White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 5$ SDCM
Luminous intensity/cd	381
Flickering	Flicker free
Beam angle	111 °



**4000K**

## Dimensions & Weight

Diameter (mm)	173
Height (mm)	35
Product weight (g)	273



## Material & Colors

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

## Application & Mounting

Ambient temperature range	-20°C~+50 °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)	160
LED module replaceable	Not replaceable
With light source	Yes

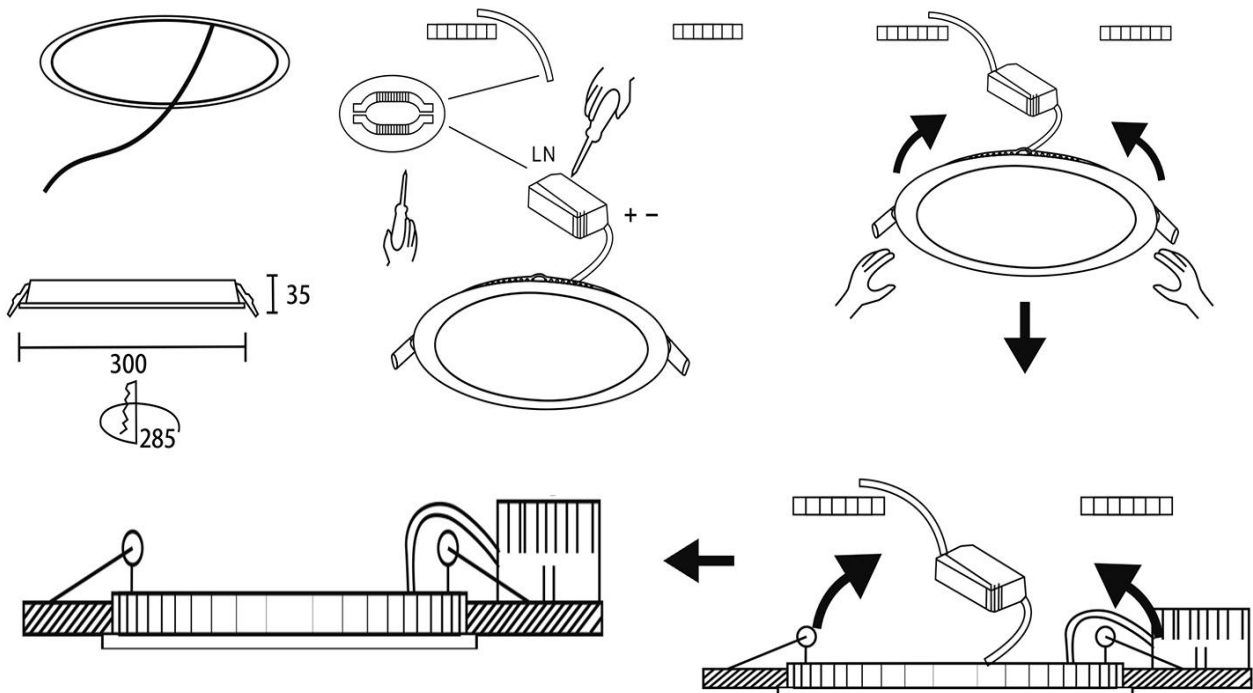
## Certificates & Lifespan

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-102R-12W	45*23*37.5 cm	20	...	0.03881

## Installation Method



## Disclaimer

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