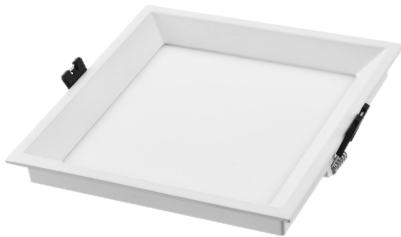


## PRODUCT DATASHEET

Recessed Panel light  
HYD-123R-12W 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

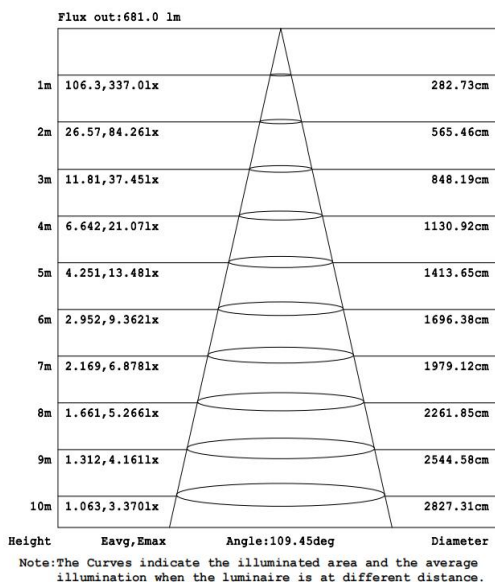
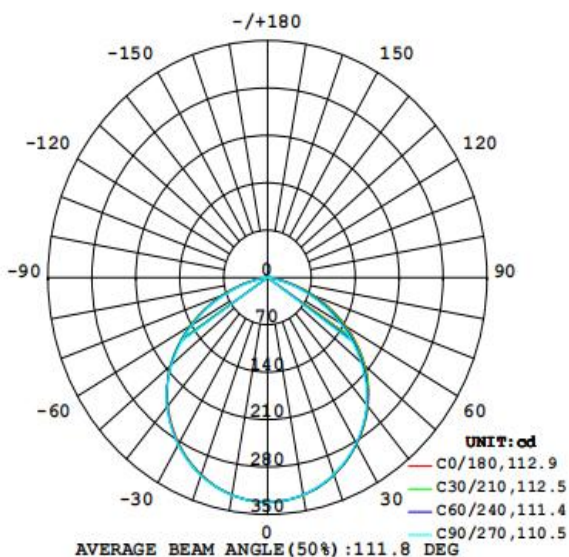
- Efficient and durable
- Easy and quick installation
- Light body thin design, reduce space occupancy
- Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain

## Electrical Data

|                               |                     |
|-------------------------------|---------------------|
| Nominal wattage (W)           | <b>12W</b>          |
| Nominal Voltage (V)           | 220-240 V           |
| Mains Frequency (Hz)          | 50                  |
| Nominal Current (mA)          | 118                 |
| LED Driver Current (mA)       | 300                 |
| LED Driver Voltage (VDC)      | 24-43               |
| LED Driver Efficiency (%)     | ...                 |
| Power Factor $\lambda$        | 0.5                 |
| Total harmonic distortion (%) | ...                 |
| Operating mode                | External LED Driver |

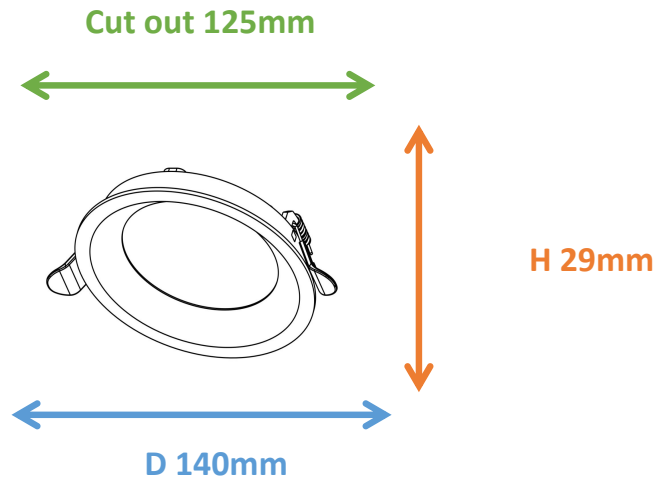
## Photometrical data

|                                      |               |
|--------------------------------------|---------------|
| Luminous flux $\pm 10\%$ (lm)        | 906 lm        |
| Luminous efficacy                    | 76 lm/w       |
| Color temperature                    | <b>6500K</b>  |
| Light color (designation)            | Cold White    |
| Color rendering index Ra             | $\geq 80$     |
| Standard deviation of color matching | $\leq 5$ SDCM |
| Luminous intensity/cd                | 332           |
| Flickering                           | Flicker free  |
| Beam angle                           | 112 °         |



## Dimensions & Weight

|                    |     |
|--------------------|-----|
| Diameter (mm)      | 140 |
| Height (mm)        | 29  |
| Product weight (g) | 310 |



## 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~+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)                | 125                |
| LED module replaceable       | Not replaceable    |
| With light source            | Yes                |

## Certificates & Lifespan

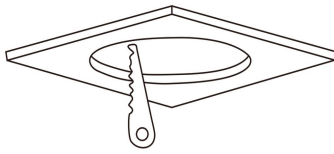
|              |                 |
|--------------|-----------------|
| Life (h)     | 50,000          |
| Certificates | CB LVD EMC RoHS |
| Standards    | ISO9001:2015    |

## Logistical Data

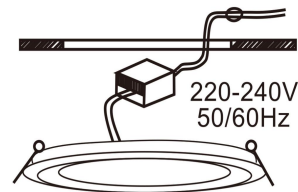
| Product code | Dimensions (L*W*H) | Pcs/ carton | G.W. kg | Volume CBM |
|--------------|--------------------|-------------|---------|------------|
| HYD-123R-12W | 36*27*35.5 cm      | 20          | ...     | 0.03451    |

## Installation Method

1. Cut hole according to lamp cut size.



2. Cut off electrical power connect the lamp wire.



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