

## PRODUCT DATASHEET

Focus the light to highlight the point , Led spot light  
HYD-324-12W 3000K



### Application

- Home
- Restaurant
- Exhibition Hall
- Stage
- Conference Room
- Clothing Store

### Benefits

- Flicker free
- It can be used for emphasis lighting and decorative lighting
- Spot light have prominent advantages in commercial lighting
- No secondary light spot, it can create a wall washing effect

### Features

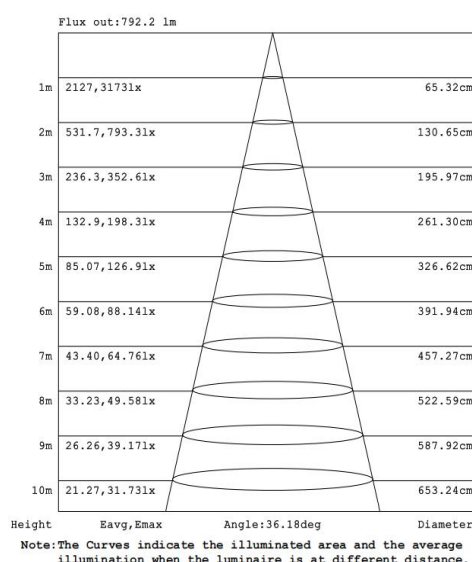
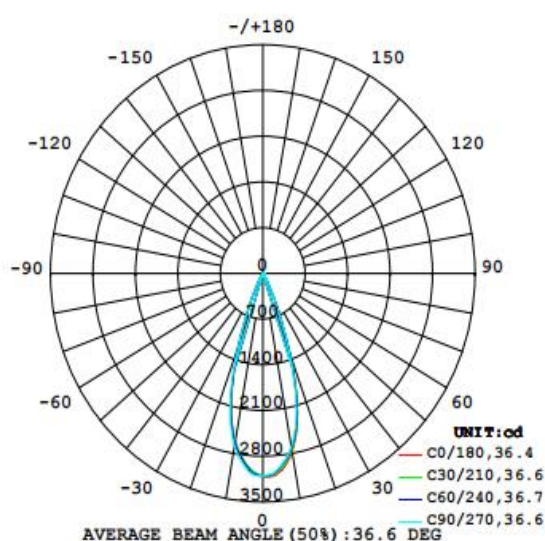
- Warranty 5 years
- Good light transmission
- Small size, light weight, buckle design, easy to install
- Die-cast aluminum, good heat dissipation, reduce light decay

## Electrical Data

|                               |                     |
|-------------------------------|---------------------|
| Nominal wattage (W)           | <b>12W</b>          |
| Nominal Voltage (V)           | 220-240 V           |
| Mains Frequency (Hz)          | 50/60               |
| Nominal Current (mA)          | 99                  |
| LED Driver Current (mA)       | 300                 |
| LED Driver Voltage (VDC)      | 30-42               |
| LED Driver Efficiency (%)     | 83%                 |
| Power Factor $\lambda$        | 0.55                |
| Total harmonic distortion (%) | ...                 |
| Operating mode                | External LED driver |

## Photometrical data

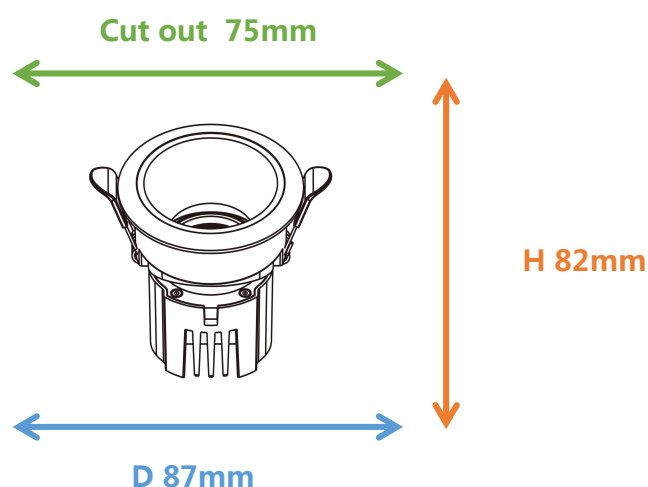
|                                      |               |
|--------------------------------------|---------------|
| Luminous flux $\pm 10\%$ (lm)        | 1116 lm       |
| Luminous efficacy                    | 93 lm/w       |
| Color temperature                    | <b>3000K</b>  |
| Light color (designation)            | Warm White    |
| Color rendering index Ra             | $\geq 80$     |
| Standard deviation of color matching | $\leq 5$ SDCM |
| Luminous intensity/cd                | 3117          |
| Flickering                           | Flicker free  |
| Beam angle                           | 37 °          |



**3000K**

## Dimensions & Weight

|                    |     |
|--------------------|-----|
| Diameter (mm)      | 87  |
| Height (mm)        | 82  |
| Product weight (g) | 318 |



## Material & Colors

|                 |                              |
|-----------------|------------------------------|
| Product color   | White frame and Gray housing |
| Housing color   | White&Gray                   |
| Body material   | Aluminum                     |
| Cover material  | PC                           |
| Mercury content | 0.0 mg                       |

## Application & Mounting

|                              |                    |
|------------------------------|--------------------|
| Ambient temperature range    | -10°C~+45 °C       |
| Temperature range at storage | -10°C~+45 °C       |
| Type of connection           | Screwless terminal |
| Type of protection           | IP20               |
| Dimmable                     | No                 |
| Mounting type                | Recessed           |
| Mounting location            | Ceiling            |
| Application environment      | Indoor             |
| Cut size (mm)                | 75                 |
| LED module replaceable       | Not replaceable    |
| With light source            | Yes                |

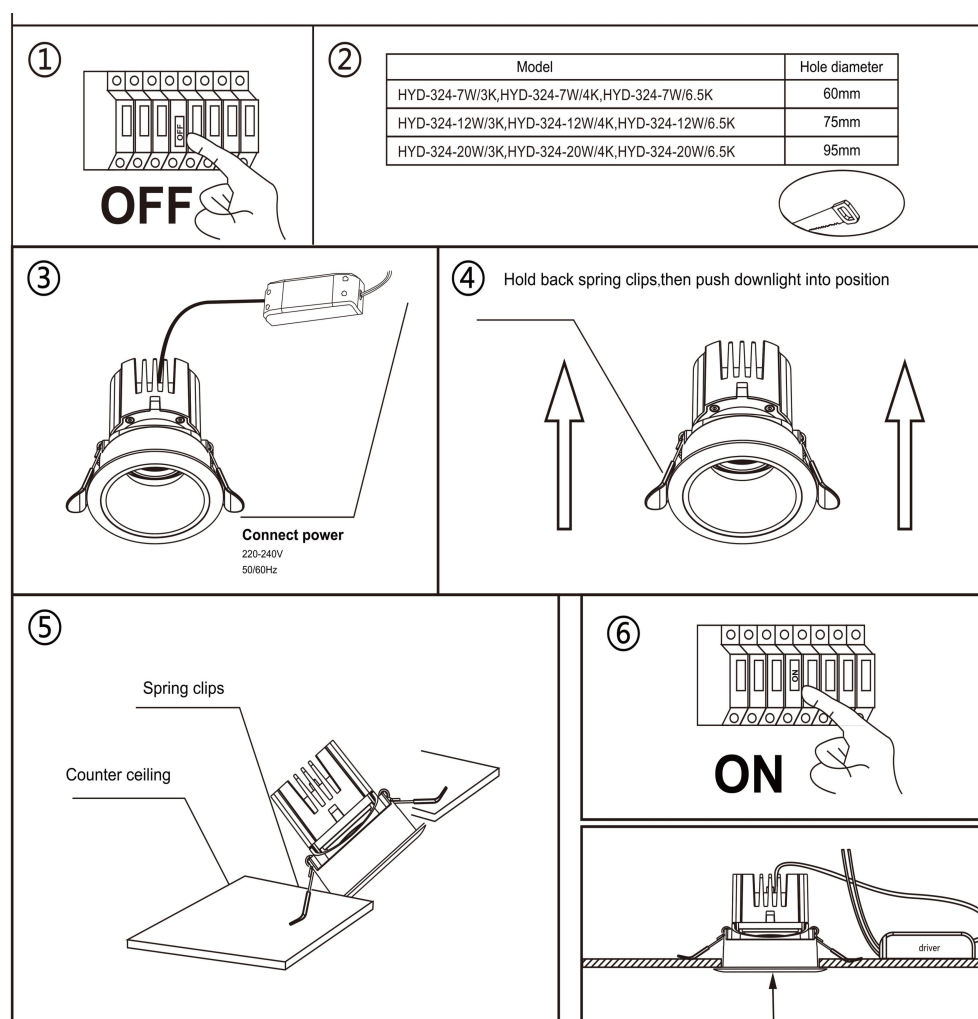
## Certificates & Lifespan

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

## Logistical Data

| Product code | Dimensions (L*W*H) | Pcs/ carton | G.W. kg | Volume CBM |
|--------------|--------------------|-------------|---------|------------|
| HYD-324-12W  | 57*24*50 cm        | 50          | 18.15   | 0.06840    |

## Installation Method



## Disclaimer

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