



## COMMERCIAL RECESSED SPOTLIGHT

Ref No: GR-DL-30WG-8



LED Downlight adopt gimbal design, it is ok to be [rotation 360°+ up down adjust 30°](#), and consists of CREE/CITIZEN/Bridgelux chips, delivers a superior LED alternative that's up to 60% more energy efficient than the conventional downlight retrofits. Widely used for commercial projects.



## Complete Product Data

|                       |                  |
|-----------------------|------------------|
| Order Number          | GR-DL-30WG-8     |
| Total Wattage         | 30W±5%           |
| Mounting Type         | Recessed mounted |
| Dimension(mm)         | Φ120*H125mm      |
| Outcut(mm)            | Φ105-110mm       |
| IP Grade              | IP44             |
| Luminaries Lumens     | 2700-3000lm      |
| Beam angle            | 15/24/36°        |
| Working temperature   | -30°C ~ +55°C    |
| Certificates standard | CE LVD EMC RoHS  |
| Warranty              | 3/5Years         |
| Package               | /                |

## Electrical Data

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| LED driver brand | Eagleries/BOKE/LiFud as standard, Philips/Osram optional         |
| Input voltage    | 220-240VAC 50/60Hz                                               |
| Output voltage   | 30-42Vdc                                                         |
| Output current   | 750mA                                                            |
| Power Factor     | >0.9                                                             |
| Surge protection | 1KV                                                              |
| Efficiency       | >87% @230V                                                       |
| IP Grade         | IP22                                                             |
| THD              | <15% @230V                                                       |
| Dimmable         | No, but available to select it as Triac/0-10V/DALI if needed     |
| Free flicker     | Yes                                                              |
| Protection       | Short circuit, open circuit, overcurrent, overvoltage protection |
| Certificates     | CE, ENEC, RCM CB, CCC                                            |
| Warranty         | 3/5Years                                                         |

## Material&Housing Data

|                  |                                                              |
|------------------|--------------------------------------------------------------|
| Housing Color    | White trim as a standard, black trim can be customized       |
| Housing Material | Aluminum                                                     |
| Cover material   | /                                                            |
| Reflector        | Plastic, matt white/black as a standard, silver/Gold options |
| Lens             | PMMA                                                         |
| Clips            | Metal                                                        |



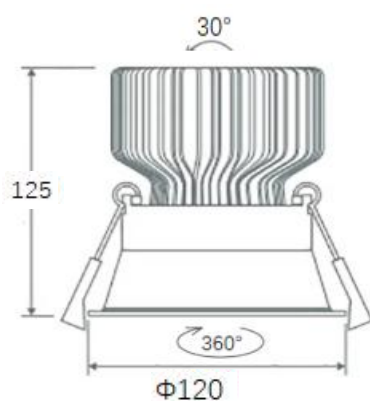
## Photometric Data

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| LED chip brand     | Bridgelux /Osram / Citizen optional                      |
| Chip type          | COB                                                      |
| Color temperature  | 2700-2800K/3000-3200K/4000-4500K/ 5700-6000K/ 6000-6500K |
| CRI                | >Ra90                                                    |
| Life time          | >50000Hrs                                                |
| Lumens             | 120-150lm/W                                              |
| SDCM               | <5 or <3                                                 |
| Lumens maintenance | 99.9%@1000hrs/ 99%@3000hrs /98%@10000hrs. (LM80)         |

## Optional

|                      |                                              |
|----------------------|----------------------------------------------|
| Dimming Type         | Triac dim/ 0-10V dim/ DALI dimmable optional |
| Dimming driver brand | EAGLE RISE KOPU                              |
| Emergency backup     | Battery backup with 1- 3Hours for 2-5Watt    |

## Dimension



Φ105-110

Unit:mm

## Lighting Distribution

