

# Diamond Series **Gimbal** LED Downlight

Available in Multiple Wattage  
80% lumen maintenance at 50,000 hours



9W & 12W

- Architectural Design
- Anti-glare, High CRI 90
- 0° ~ 30° tilting
- Triac / 0-10V / Dali Dimmable options
- High quality Sharp COB chipset
- Frosted or Clear lens options
- High quality Aluminum housing
- Applications include shopping centres, walkways, hotels, restaurants, galleries, display cases & household

## Specifications

|                          |                |
|--------------------------|----------------|
| <b>Colour Range</b>      | 2700 ~ 5000k   |
| <b>Lumen Efficiency</b>  | 95lm/W         |
| <b>Power Consumption</b> | 9W/12W/16W     |
| <b>Input Voltage</b>     | AC 100V ~ 240V |
| <b>Output Voltage</b>    | 36V            |
| <b>Current</b>           | 9W 190mA       |
|                          | 12W 250mA      |
|                          | 16W 350mA      |



16W

|                     |                       |
|---------------------|-----------------------|
| <b>Beam angle</b>   | 24° / 36° / 50° / 65° |
| <b>CRI</b>          | >90                   |
| <b>Power Factor</b> | >0.95                 |
| <b>Chipset</b>      | Sharp COB             |
| <b>Driver</b>       | Class II              |

## Dimensions & Materials

|                                |                                                    |           |
|--------------------------------|----------------------------------------------------|-----------|
| <b>Product Dimensions (mm)</b> | 9W/12W                                             | Ø110 * 55 |
|                                | 16W                                                | Ø110 * 79 |
| <b>Cutout (mm)</b>             | Ø90                                                |           |
| <b>Housing Material</b>        | Aluminum Alloy                                     |           |
| <b>Reflector</b>               | 1090 Aluminum, polished anodizing & clear diffuser |           |
| <b>Housing Colour</b>          | White / Black / Silver                             |           |

IES

LM80

RCM

SAA

IP44

TUV

CE

**5 Yrs**  
Warranty



**greenlux**  
cost reduction LED lighting

# Diamond Series **Gimbal** LED Downlight

## Dimensions & Photometrics

9W & 12W

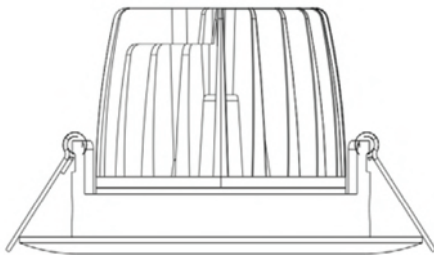


Dimmable Driver

16W

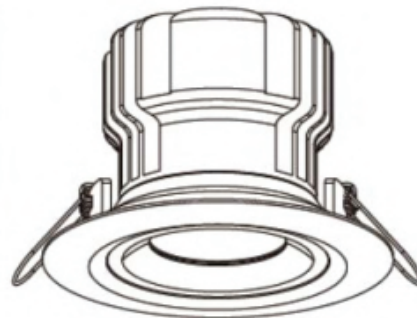


55mm



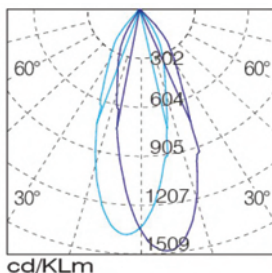
Ø110mm

79mm



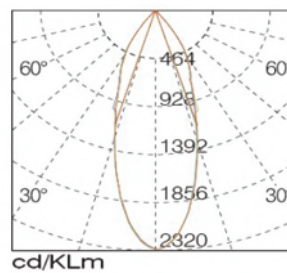
Ø110mm

Model: GDDIA-12W-G



| H(m)              | E(lx)     | D(m)   |
|-------------------|-----------|--------|
| Beam Angle: 31.8° |           |        |
| 1 m               | 1359.9 lx | 0.58 m |
| 2 m               | 339.99 lx | 1.16 m |
| 3 m               | 151.10 lx | 1.74 m |
| 4 m               | 85.00 lx  | 2.32 m |
| 5 m               | 54.40 lx  | 2.90 m |

Model: GDDIA-16W-G



| H(m)              | E(lx)     | D(m)   |
|-------------------|-----------|--------|
| Beam Angle: 33.3° |           |        |
| 1 m               | 2320.0 lx | 0.59 m |
| 2 m               | 580.02 lx | 1.19 m |
| 3 m               | 257.78 lx | 1.79 m |
| 4 m               | 145.00 lx | 2.39 m |
| 5 m               | 92.80 lx  | 2.99 m |

| Model#      | Dimensions (mm) | Cutout (mm) | Beam Angle      | CCT        | Lumens | Wattage | LED       | Dimmer |
|-------------|-----------------|-------------|-----------------|------------|--------|---------|-----------|--------|
| GDDIA-9W-G  | Ø110*55         | Ø90         | 36°/50°         | 2700-5000k | 665    | 9W      | Sharp COB | Triac  |
| GDDIA-12W-G | Ø110*55         | Ø90         | 36°/50°         | 2700-5000k | 950    | 12W     | Sharp COB | 0-10V  |
| GDDIA-16W-G | Ø110*79         | Ø90         | 24°/36°/50°/65° | 2700-5000k | 1425   | 16W     | Sharp COB | Dali   |