

# LDR 16

small LED IP20 or  
IP65 down lighter



## Optics

- LED Lamp options;
  - 350 lumens (5W)
  - 600 lumens (8W)
- 'Warm' white 2700K colour temperature
- GU10 LED lamp with driver
- 36° beam angle
- LED lamp is phase dimming as standard. Compatible with most common dimmers, please contact Technical Support for further information

## Body

- Die cast aluminium fixed bezel finished in white
- Ceiling retention by wing mechanism
- Fixed bezel and LED lamp is supplied separately
- IP20 and IP65 bezels available
- Quick release lamp change
- For ceiling thicknesses 3mm - 17mm



## Order Codes

### LDR 16

IP20 Bezel

IP65 Bezel

LDR-IP20W

LDR-IP65W

### GU10 LED Lamp and Driver

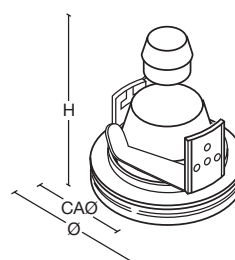
350 lumens, 5W

600 lumens, 8W

LED/GU1035027K

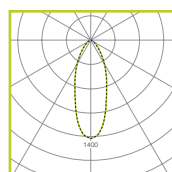
LED/GU1060027K

## Dimensions



| Ø  | CAØ | H   | KG  |
|----|-----|-----|-----|
| 82 | 72  | 100 | 0.4 |

## Photometric Performance



8W LED  
600 lumens  
• LOR = 100%  
• SHR MAX = 0.78

### Utilisation Factors UF(F)

| Room Reflectance |      |      | Room Index |      |      |
|------------------|------|------|------------|------|------|
| C                | W    | F    | 1.00       | 3.00 | 5.00 |
| 0.70             | 0.50 | 0.20 | 0.83       | 1.03 | 1.08 |

## LED Performance

| Colour Temp | Ra (CRI) | Life Expectancy             | Colour Consistency |
|-------------|----------|-----------------------------|--------------------|
| 2700K       | Ra>80    | L <sub>70</sub> (25,000hrs) | MacAdam 5 SDCM     |
| 2700K       | Ra>80    | L <sub>70</sub> (30,000hrs) | MacAdam 6 SDCM     |

## To Specify

Small diameter IP20/IP65 LED fixed down light. Die cast aluminium bezel finished in white with separate LED lamp. For ceiling thicknesses of 3-17mm – as Whitecroft Lighting LDR 16.