

PRODUCT DESCRIPTION

CIRCAMANTM – GDD Series – Thin Gimbal Downlight



FEATURES

- Circadian Rhythm of Light 2800K - 5700K during different time
- Dual Colours - Single Point source LED
- Available in 5W – 20W for 25W – 100W halogen equivalent
- Available multi-beam angle selection 15°/24°/36°
- Selectable CCT - 2800K/3000K/3500K/4000K/4500K/5000K/5700K
- Dimmable to 5%
- Tunable White with Narrow Beam Angle
- Transformer 100-240V 50/60Hz input (Sold separately)
- Android Apps or Optional 2.4GHz Wireless Remote Control
- Thin Housing Design

APPLICATIONS

- Display, Hotel, Office, Residential, Restaurant, Retail, Speciality

BENEFITS

- Productivity and concentration improvements
- Improved mood
- Increased customer satisfactory and well-being
- Boost customer dwell time and sale

GENERAL SPECIFICATIONS

| | | | |
|---------------------------------|--|-----------|------------------------------|
| Working Voltage – | 36V (Typ.) DC input (Light Engine) | | |
| Light Engine | Need to match with our transformer (PSU) | | |
| Working Voltage – | 100 – 240 VAC 50/60Hz | Switching | 50000x |
| Transformer (Sold separately) | | | |
| Halogen Equivalent | 5W – 25W Halogen | Power | Depend on transformer output |
| (Depend on Transformer) | 10W – 50W Halogen | | |
| | 15W – 75W Halogen | | |
| | 20W – 100W Halogen | | |
| Operation Temp. | Max. operation temp. | | |
| 70°C to 80°C @ Case Temperature | 90°C @ Case Temperature | | |
| EU RoHS compliant | YES | Lifetime | 35000 hrs – 50000 hrs (nom.) |

PRODUCT INFORMATION

| | | | |
|---------------------|--|--------------------------|--|
| Colour temp. | 2800K – 5700K | | |
| CRI | 90 (Typ.) | CRI 80 and 95 on request | |
| Color Consistency | 3 Steps MacAdam @2800K and @5700K | | |
| Selectable CCT: | 2800K / 3000K / 3500K / 4000K / 4500K / 5000K / 5700K | | |
| Brightness Setting: | 100% / 75% / 50% / 25% / 10% / 5% | | |
| Beam Angle | 10° / 20° / 30° | | |
| Mode: | A-Mode (Auto - CCT changing – Constant power) C-Mode (Circadian Rhythm - CCT-brightness changing for HCL) | | |

*CCT selection and Dimming functions by remote control or Android Apps

Lumen output with different wattage PSU (Power supply unit)

| Model | 5W | 10W | 15W | 20W | 30W | 40W |
|--------|--------------|--------------|---------------|----------------|------|------|
| GDD55 | 260 – 304 lm | N.A | N.A. | N.A. | N.A. | N.A. |
| GDD75 | 273 – 319 lm | N.A | N.A. | N.A. | N.A. | N.A. |
| GDD90 | 329 – 385 lm | 621 – 727 lm | 847 – 991 lm | N.A. | N.A. | N.A. |
| GDD120 | 334 – 391 lm | 640 – 749 lm | 918 – 1075 lm | 1129 – 1321 lm | N.A. | N.A. |

*Lumen output at CCT2800K – CCT5700K. Data for reference only.

DIMENSIONS


| Model | Max. Wattage | C - Ceiling Cut-out (mm) | D - Flange Diameter (mm) | H - Height, (mm) |
|--------|--------------|--------------------------|--------------------------|------------------|
| GDD55 | Max. 5W | Ø55 - 60 | Ø68 | 25 |
| GDD75 | Max. 5W | Ø75 - 80 | Ø90 | 25 |
| GDD90 | Max. 15W | Ø90 - 100 | Ø108 | 30 |
| GDD120 | Max. 20W | Ø120 - 130 | Ø138 | 35 |

ORDERING INFORMATION

Example Model: GDD60-WT-20D-928-957

| GDD | 60 | - | WT | - | 10D | - | 928 - 957 |
|--------|--|---|-------------|---|--|---|--|
| Series | Ceiling Cut-out Diameter | - | Body Colour | | Beam Angle | - | Min. CCT – Max. CCT |
| GDD | 55 55-60mm (Max. 5W) 75 75-80mm (Max. 5W) 90 90-100mm (Max. 15W) 120 120-130mm (Max. 20W) | | WT White | | 10D (For 10°) 20D (For 20°) 30D (For 30°) | | 928 – 957 2800K – 5700K@90 CRI *(CRI 80 / 95 on request) |

AUTO CCT AND BRIGHTNESS CHANGING
