

PRODUCT DESCRIPTION

CIRCAMANTM – GDS Series – Gimbal Downlight



FEATURES

- Circadian Rhythm of Light 2800K - 5700K during different time
- Dual Colours - Single Point source LED
- Available in 5W – 30W for 25W – 150W 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

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		
	30W – 150W 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

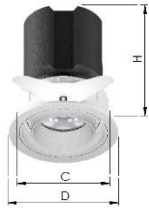
Colour temp.	2800K – 5700K		
CRI	90 (Typ.) CRI 80 and 95 on request		
Color Consistency	3 Steps MacAdam @2800K and @5700K		
Selectable CCT:	2800K / 3000K / 3500K / 4000K / 4500K / 5000K / 5700K		
Brightness Setting:	100% / 75% / 50% / 25% / 10% / 5%		
Beam Angle	15° / 24° / 36°		
Mode: A-Mode (Auto - 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
GDS55	294 – 344 lm	N.A	N.A.	N.A.	N.A.	N.A.
GDS75	332 – 388 lm	626 – 732 lm	N.A.	N.A.	N.A.	N.A.
GDS95	335 – 392 lm	640 – 749 lm	911 – 1065 lm	1129 – 1321 lm	N.A.	N.A.

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

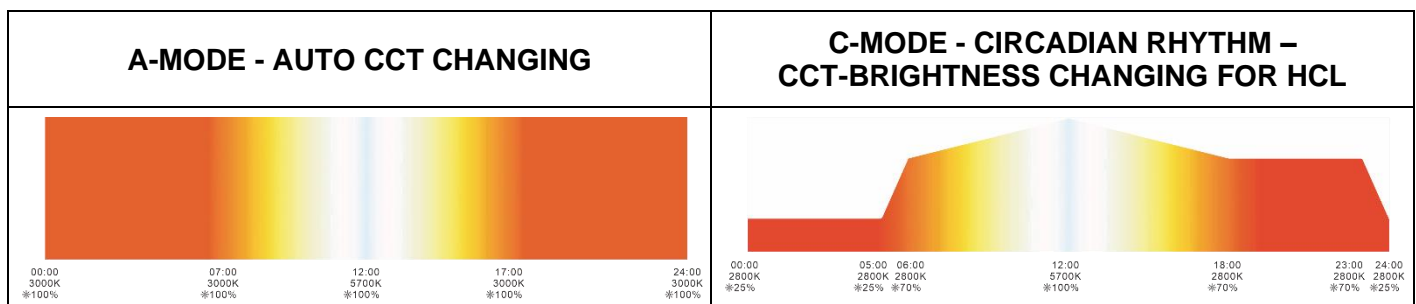
DIMENSIONS


Model	Max. Wattage	C - Ceiling Cut-out (mm)	D - Flange Diameter (mm)	H - Height, (mm)
GDS55	Max. 5W	Ø55	Ø61.6	80
GDS75	Max. 10W	Ø75	Ø84	100
GDS95	Max. 20W	Ø95	Ø110	128

ORDERING INFORMATION

Example Model: GDS60-WT-24D-928-957

Series	Ceiling Cut-out Diameter	Front Rim and Flange	Beam Angle	Min. CCT – Max. CCT
GDS	55 55mm (Max. 5W) 75 75mm (Max. 10W) 95 95mm (Max. 20W)	WT White	15D (For 15°) 24D (For 24°) 36D (For 36°)	928 – 957 2800K – 5700K@90 CRI *(CRI 80 / 95 on request)

AUTO CCT AND BRIGHTNESS CHANGING

 Circadian Lighting Limited
contact@circadian-lighting.com
www.circaman.cc

 © 2021 Circadian Lighting Limited. All rights reserved.
 For informational purposes only. Content is subject to change.