

PRODUCT DESCRIPTION

CIRCAMAN™ – GDA Series – Gimbal Downlight (Elephant Trunk light)



FEATURES

- Circadian Rhythm of Light 2800K - 5700K during different time
- Dual Colours - Single Point source LED
- Available in 5W – 40W for 25W – 200W halogen equivalent
- Available multi-beam angle selection 15°/24°/38°
- 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		
	40W – 200W 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° / 38°
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
GDA75	307 – 360 lm	580 – 679 lm	N.A.	N.A.	N.A.	N.A.
GDA95	334 – 391 lm	631 – 738 lm	889 – 1041 lm	N.A.	N.A.	N.A.
GDA115	344 – 402 lm	659 – 771 lm	960 – 1123 lm	1233 – 1443 lm	1694 – 1982 lm	N.A.
GDA150	340 – 398 lm	662 – 775 lm	972 – 1137 lm	1268 – 1484 lm	1790 – 2095 lm	2238 – 2618 lm

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

DIMENSIONS



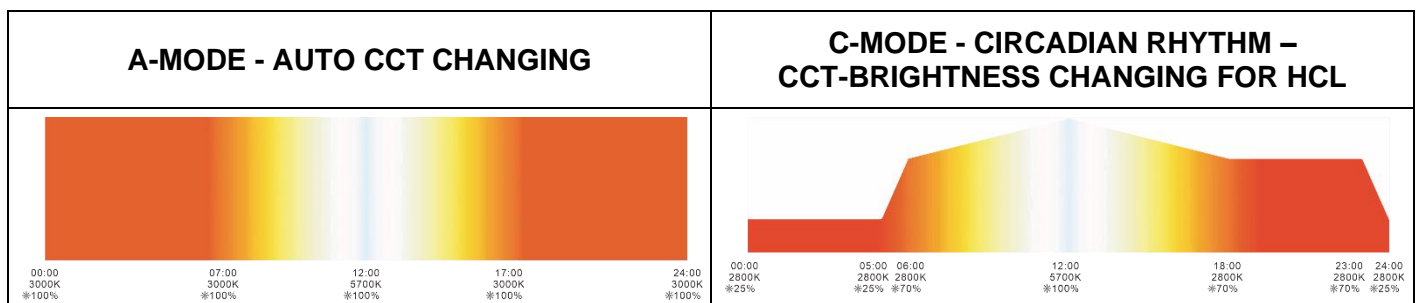
Model	Max. Wattage	Ceiling Cut-out, C (mm)	Flange Diameter, D(mm)	Height, H (mm)
GDA75	Max. 10W	Ø75-85	Ø90	65
GDA95	Max. 15W	Ø95-100	Ø110	75
GDA115	Max. 30W	Ø115-120	Ø130	105
GDA150	Max. 40W	Ø150-155	Ø165	120

ORDERING INFORMATION

Example Model: GDA75-WT-15D-928-957

Series	Ceiling Diameter	Cut-out	Body Colour	Beam Angle	Min. CCT – Max. CCT
GDA	75	-	WT	-	928 - 957
	75 75-80mm (Max. 10W)		White	15D (For 15°)	928 – 957 2800K – 5700K@90 CRI *(CRI 80 / 95 on request)
	95 95-100mm (Max. 15W)		BK Black	24D (For 24°)	
	115 115-120mm (Max. 30W)			36D (For 36°)	
	150 150-160mm (Max. 40W)				

AUTO CCT AND BRIGHTNESS CHANGING



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