

Cusp 02 LED Surface Mounted Down Light



LM80

5 Yrs
Warranty

RCM

SAA

IP20

TUV

Introduction

This downlight is an anti-glare design. High lumen COB chip and PMMA lens offer a uniform lighting output. AL6063 aluminum lamp body provides excellent heat dissipation. Special lens design reaches anti-glare effect and creates a comfortable visual experience. Multiple beam angle lens optional, modular lens design make a convenient maintenance. Easy installation, recreational for various application.

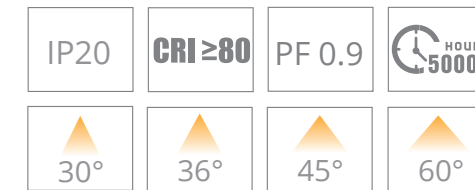
Features

- Anti-glare design,
- CRI80 / 90 / 97 available
- Modular lens design: 30° / 45° for 10W, 36° / 60° for 20W and above
- SDCM<6
- Flicker free internal driver

Application Areas

Applicable for residential lighting in bedrooms, living rooms, corridors etc. As well as commercial lighting in offices, hotels, restaurants etc.



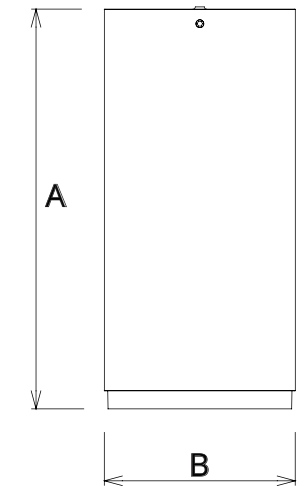


Technical Data Sheet

Model No.	GUCUS-10W-02	GUCUS-20W-02	GUCUS-25W-02	GUCUS-30W-02	GUCUS-40W-02		
Dimension(mm)	Ø65*157mm	Ø85*178mm	Ø85*178mm	Ø100*211mm	Ø100*211mm		
Cutout (mm)	-						
Watt(W)	10W	20W	25W	30W	40W		
Rated Input Voltage(V)	AC230V						
Input Voltage(V)	AC200V—240V						
LED Module Input	-						
Light Source	COB						
SDCM	<6						
CCT(K)	1-CCT: 2700K/3000K/4000K/5000K						
CCT Selection DIP Switch	NO						
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	780~1100Lm	1850~2250Lm	2150~2700Lm	2650-3050Lm	3550-4200Lm
	DIM		-				
	Non-DIM	3-CCT	-				
	DIM		-				
CRI	80(90/97 optional)						
Beam Angle (°)	30°/45°	36°/60°					
UGR	-						
LED Driver	Built-in						
Dimming Option	-						
Sensor	-						
Emergency Kits	-						
Electrical Class	Australian Safety Standard						
Ingress Protection (IP Rating)	IP20						
Impact Resistance (IK Rating)	-						
Product Finishing(Base)	White RAL 9016/Black RAL9005						
Materials of Optics	PMMA						
Materials of Housing	PC/Aluminium						
Lifetime (hr)	50000h						
Glow wire test (C)	650°C						
Operating Temp. (C)	-20°C ~45 °C						
Storage Temp. (C)	25°C						
Installation	Surface Mounted						

Measurement

Model	Dimension(mm)		Size(mm)	Product Weight (Kg)	
	A	B		N.W/PC	G.W/PC
GUCUS-10W-02	157	Ø65	Ø65*157	0.45	0.55
GUCUS-20W-02	178	Ø85	Ø85*178	0.67	0.77
GUCUS-25W-02	178	Ø85	Ø85*178	0.67	0.77
GUCUS-30W-02	211	Ø100	Ø100*211	1.0	1.1
GUCUS-40W-02	211	Ø100	Ø100*211	1.0	1.1



Driver Datasheet (Non-Dimmable)

Total load wattage		10W	20W	25W	30W	40W
Output	Output Voltage range	DC30-40V				
	Rated output current	230mA	500mA	600mA	750mA	1000mA
	Line Regulation	±5%				
	Setup, Rise Time	≤0.5S				
	Flickering Index	≤10%				
Input	Input Voltage	AC180-265V				
	Rated Input Voltage(V)	AC200-240V				
	Frequency	50/60Hz				
	Input Current	≤0.06A	0.12A	0.15A	0.18A	0.25A
	Rated Input Current	≤0.05A	0.11A	0.14A	0.17A	0.23A
	Power Factor	0.9				
	THD	<20% @230V				
	Efficiency	≥82%	≥86%	≥87%		
	No load wattage	<0.5W				
Protection	Short circuit protection	Pass				
	Over voltage protection	Pass				
	Over temperature protection	Pass				
Safety & EMC	Withstand voltage	-				
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω				
	Surge	IEC61000-4-5(L-N:1KV, L/N-PG:2KV)	IEC61000-4-5(L-N:0.5KV, L/N-PG:1KV)	IEC61000-4-5(L-N:1KV, L/N-PG:2KV)		
	EMC Emission	EN55015, EN61000-3-2				
EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					