

## CUSP 02 LED Track Spot Light



LM80

5 Yrs  
Warranty

RCM

SAA

IP20

TUV

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## Introduction

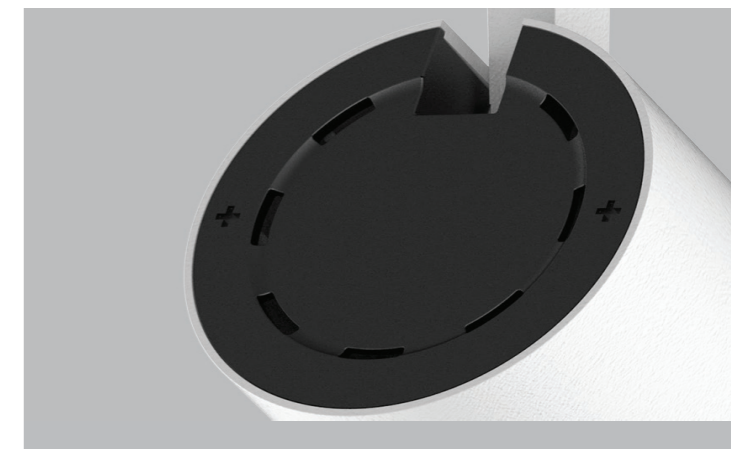
This track spot light is an anti-glare design. High lumen COB chip and PMMA lens of fer an uniform lighting output. AL6063 aluminum lamp body provides excellent heat dissipation. Special lens design reaches anti-glare effect and creates a comfortable visual experience. Multiple beam angle lens optional,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

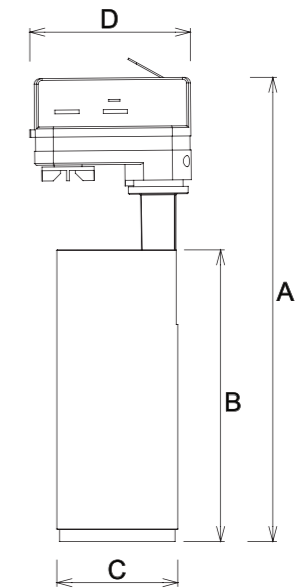
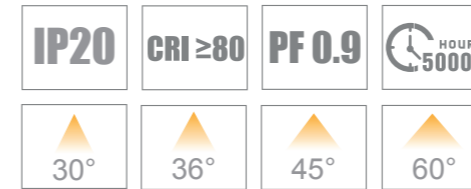
## Features

- 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 bedroom, living room, corridor etc, also suitable for commercial lighting in office, hotel, restaurant etc.





## Technical Data Sheet

Model No.	GUCUS-10W-TL02	GUCUS-20W-TL02	GUCUS-25W-TL02	GUCUS-30W-TL02	GUCUS-40W-TL02		
Dimension(mm)	Ø65*249mm	Ø85*269mm	Ø85*269mm	Ø100*302mm	Ø100*302mm		
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	3-CCT	-				
			-				
CRI	80(90/97 optional)						
Beam Angle (°)	30°/45°		36°/60°				
UGR	-						
LED Driver	Built-in						
Dimming Option	Triac / 0-10V /DALI for TL228						
Sensor	-						
Emergency Kits	-						
Electrical Class	Class I						
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	Track						

## Measurement

Model	Dimension(mm)				Size(mm)	Product Weight (Kg)	
	A	B	C	D		N.W/PC	G.W/PC
GUCUS-10W-TL02	249	157	Ø65	84	Ø65*249	0.5	0.6
GUCUS-20W-TL02	269	178	Ø85	93	Ø85*269	0.76	0.86
GUCUS-25W-TL02	269	178	Ø85	93	Ø85*269	0.76	0.86
GUCUS-30W-TL02	302	211	Ø100	108	Ø100*302	1.1	1.2
GUCUS-40W-TL02	302	211	Ø100	108	Ø100*302	1.1	1.2

## 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				