

Circus H Series

UP/Down LED Pendant Light



LM80

5 Yrs
Warranty



SAA

IP20

TUV

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Introduction

This pendant panel light is an up and down lighting design, the light area is translucent, it can be used in many applications as a decorative light. Adopt high quality diffuser and 3.0T PMMA light guide plate which provide a high transmittance rate and uniform light. Steel wire mounted on the edge of frame will be more convenient and much safer.

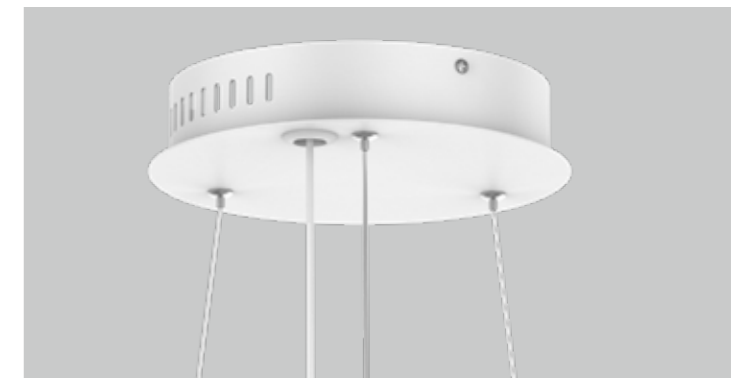
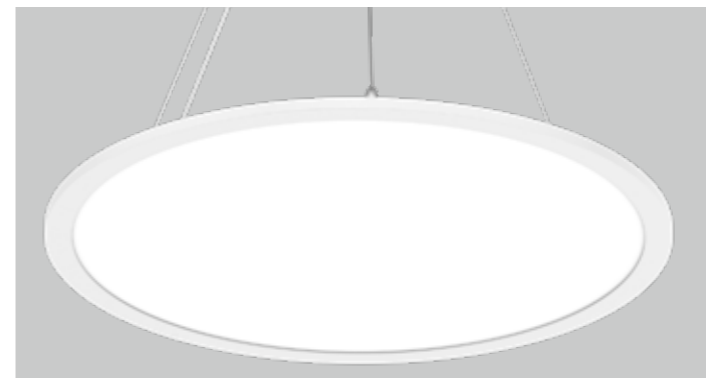
300mm, 400mm, 500mm, 600mm size options.

Features

- 40% up & 60% down lighting design.
- Translucent lighting area can offer a great decorative effect.
- High light efficiency 100lm/W.
- Interchangeable CCT (3000/4000/5700K) with slide switch.
- Triac/0-10V/DALI dimming available.
- External driver.

Application Areas

It is widely used for various commercial and residential lighting applications, such as office, hotel, restaurant, home lighting etc.



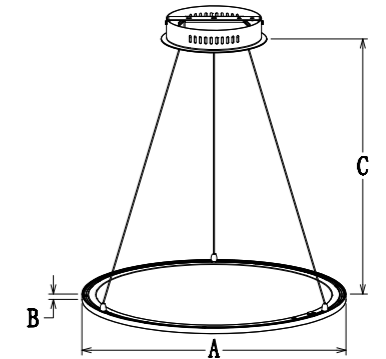


Technical Data Sheet

Code No.	GUCIR-18W-300-H	GUCIR-35W-400-H	GUCIR-40W-500-H	GUCIR-60W-600-H		
Dimension(mm)	Ø300*11.5	Ø400*11.5	Ø500*11.5	Ø600*11.5		
Cutout (mm)	-					
Watt(W)	18W	35W	40W	60W		
Rated Input Voltage(V)	AC230V					
Input Voltage(V)	AC220-240V					
LED Module Input	-					
Light Source	SMD					
SDCM	<6					
CCT(K)	1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K					
CCT Selection DIP Switch	YES					
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	1530-1695LM	3010-3360LM	3440-3920LM	5100-5790LM
			DIM	1495-1655LM	2945-3305LM	3385-3875LM
	Non-DIM	3-CCT	1405-1820LM	2870-3605LM	3360-4120LM	4815-6210LM
			DIM	1385-1755LM	2805-3545LM	3185-4055LM
CRI	CRI80					
Beam Angle (°)	120°					
UGR	-					
LED Driver	Driver built-out					
Dimming Option	Triac/ DALI/0-10V					
Sensor	-					
Emergency Kits	NO					
Electrical Class	Class I					
Ingress Protection (IP Rating)	IP20					
Impact Resistance (IK Rating)	-					
Product Finishing(Base)	White RAL 9016					
Materials of Optics	PMMA+PS					
Materials of Housing	Aluminium					
Lifetime (hr)	50000H					
Glow wire test (°C)	650°C					
Operating Temp. (°C)	-10°C ~-40°C					
Storage Temp. (°C)	-20°C ~50°C					
Inst allation	Pendant					

Measurement

Code	Dimension(mm)			Size(mm)	Product Weight (Kg)	
	A	B	C		N.W/PC	G.W/PC
GUCIR-18W-300-H	300	11.5	1200	Ø300*11.5	1.25	6.25
GUCIR-35W-400-H	400	11.5	1200	Ø400*11.5	1.75	7
GUCIR-40W-500-H	500	11.5	1200	Ø500*11.5	2.25	9
GUCIR-60W-600-H	600	11.5	1200	Ø600*11.5	3.15	6.3



Driver Datasheet (Non-Dimmable)

Total load wattage		18W	35W	40W	60W
Output	Output Voltage range	DC30V-40V			DC33-40V
	Rated output current	450mA	900mA	1000mA	1500mA
	Line Regulation	±5%			
	Setup, Rise Time	<0.5S			
	Flickering Index	<0.3(NORISK)			
Input	Input Voltage	AC230V			
	Rated Input Voltage(V)	AC220V-240V			
	Frequency	50/60Hz			
	Input Current	0.11A	≤0.18A	≤0.21A	≤0.31A
	Rated Input Current	0.10A	≤0.17A	≤0.2A	≤0.29A
	Power Factor	0.9			
	THD	<20% @230V			
	Efficiency	≥88%			
	No load wattage	<0.5W			
Protection	Short circuit protection	Pass			
	Over voltage protection	Pass			
	Over temperature protection	Pass			
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S; I/P-FG:1.6KVac, <5mA 60S; O/P-FE:0.5KVac, <5mA 60S			
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω			
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PE:1KV);		IEC/EN61000-4-5 (P≥25w L-N:1000V, L/N-PE:2KV)	
	EMC Emission	EN55015, EN61000-3-2			
EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547				

Driver Datasheet (Triac Dimmable)

Total load wattage		18W	35W	40W
Output	Output Voltage range	DC30-40V		
	Rated output current	450mA	850mA	950mA
	Line Regulation	±5%		
	Setup, Rise Time	<0.5S		
	Flickering Index	<7% (10W RISK)		
Input	Input Voltage	AC230V		
	Rated Input Voltage(V)	AC200-240V		
	Frequency	50Hz		
	Input Current	≤0.1A	≤0.2A	≤0.23A
	Rated Input Current	≤0.09A	≤0.17A	≤0.2A
	Power Factor	0.9		
	THD	<20% @230V		
	Efficiency	≥83%		≥84%
	No load wattage	<1W		
	Protection	Short circuit protection	Pass	
Over voltage protection		Pass		
Over temperature protection		Pass		
Safety & EMC	Withstand voltage	I/P-O/P:3.75KVac, <5mA 60S; I/P-FG:1.6KVac, <5mA 60S; O/P-FE:0.5KVac, <5mA 60S		
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω		
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V, L/N-PG:1KV);	IEC/EN61000-4-5 (P≥25w L-N:1000V, L/N-PG:2KV)	
	EMC Emission	EN55015, EN61000-3-2		
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547		

Installation Procedure

WARNING ⚡

1. Switch off power supply before installation / maintenance.
2. Switch on after completing installation and examination of the circuit.
3. The pendant light must be installed and maintained by professional electrician.



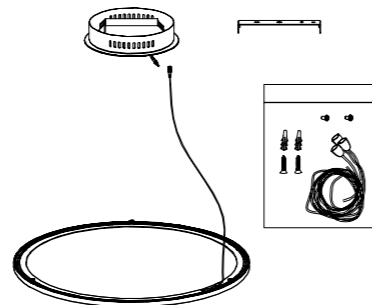
Turn Off Power Supply

Turn off power supply before installation. Read instructions and make sure you have all the tools and accessories before installation.

Installation Guide

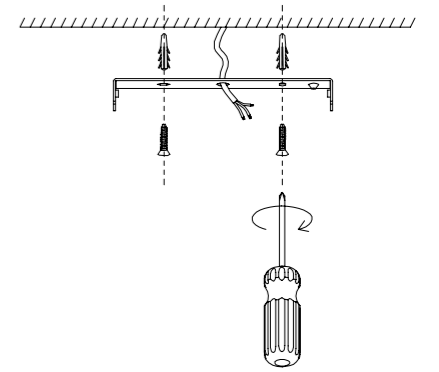
Step 1

Take out lamp and accessories pack.



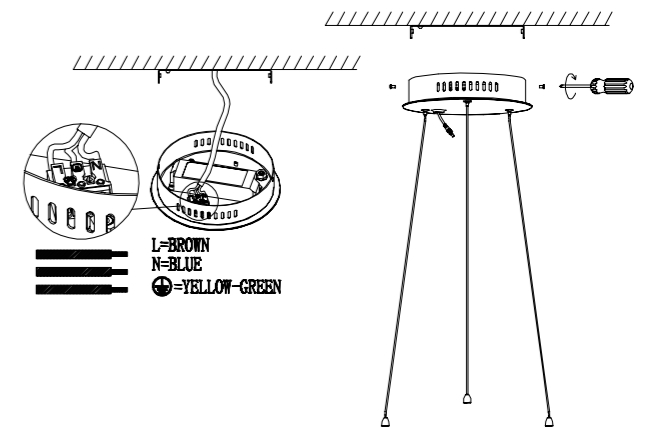
Step 2

Drill holes on needed position, fix the bracket into the hole.



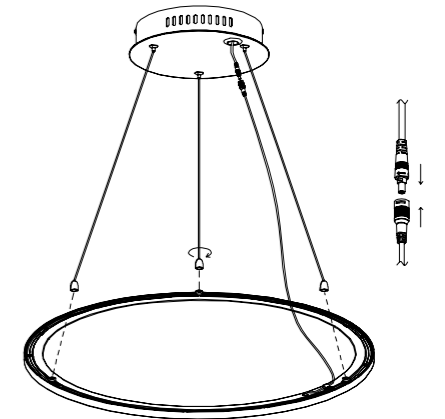
Step 3

Connect AC wires; keep the same length of hanging wires and fix the ceiling plate into the ceiling.



Step 4

Fix steel wires into screw caps on the frame, connecting DC wires.



Step 5

Turn on. Installation complete.

