

Ilux Series LED Downlight



Introduction

Ilux Series LED Downlight with traditional deep reflector (UGR<19) that provides perfect combination of high lighting efficiency, comfortable lighting and humanisation design. Without compromising on light performance (colour rendering and colour uniformity); It offers a wide option for creating the desired ambience.



Features

1. UGR<19, anti glare design with deep reflector
2. Supreme 6063 aluminum heat sink provides excellent thermal management.
3. External driver.
4. Easy for installation and maintenance.
5. Fixed and Gimbal version.

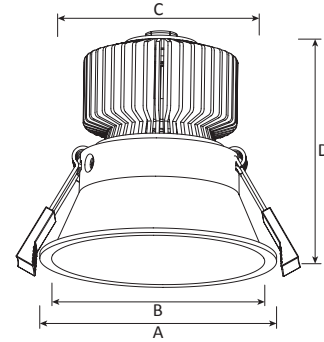
Application Areas

It is suitable for supermarket, specialty store, show window, exhibition hall; etc.



Measurement

Model	Dimension(mm)				Size(mm)	Product Weight (Kg)	
	A	B	C	D		N.W/PC	G.W/PC
GUILU-10W-80-F	80	72	75	87	Ø80*87	0.26	0.27
GUILU-10W-85-G	85	73	75	81	Ø85*81	0.27	0.37
GUILU-13W-100-G	100	90	90	94	Ø100*94	0.315	7.56
GUILU-13W-105-F	105	96	100	145	Ø105*145	0.375	0.525



Technical Data Sheet

Model No.		GUILU-10W-80-F	GUILU-10W-85-G	GUILU-13W-100-G	GUILU-13W-105-F	
Watt(W)		10W	10W	13W	13W	
Dimension(mm)		Ø80*87	Ø85*81	Ø100*94	Ø105*145	
Cutout(mm)		Ø75	Ø75	Ø90	Ø100	
Rated Input Voltage(V)		AC230V				
Input Voltage(V)		AC200-240V				
LED		COB				
SDCM		<6				
CCT(K)		1-CCT: 2700K / 3000K / 4000K / 5000K				
"Luminous Flux (lm) ±5%"	1-CCT	Non-DIM	710~910	710~910	970~1170	870~1100
		DIM	700~900	700~900	920~1120	850~1080
CRI		>80 (≥ 90 Optional)				
Beam Angle (°)		36°				
LED Driver		Built-out				
DIM		Yes				
Protection Class		Class II				
IP Rating		IP40				
IK Rating		IK06				
Finishing color		Black RAL9005 / White RAL 9016				
Material		Aluminum				
Lifetime (hr)		50,000h				
Glow wire test (°C)		850°C				
Operating Temp.(°C)		-20°C ~45°C				
Storage Temp.(°C)		-20°C ~65°C				
Installation		Recessed				
Brand Driver option		Philips, Tridonic, Meanwell				

Driver Datasheet (Non-dimmable)

Power	10W	13W
Rated Input Voltage(V)	AC230V	
Frequency	50/60Hz	
Input Voltage	AC200-240V	
Efficiency	≥79%	≥82%
Total load wattage	10W±1W	13W±1W
Power Factor	0.9	
Rated Input Current	≤0.06A	≤0.08A
Full load output voltage	DC28-40V	DC28-40V
Rated output current	230mA	300mA
Output current range	230mA±5%	300mA±5%
Power tolerance	5%	
Current output tolerance	5%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	<20% @ 230V	
Surge	L-N 0.5KV	
Withstand voltage	AC3750V	

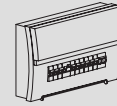
Driver Datasheet (Triac Dimmable)

Power	10W	13W
Rated Input Voltage(V)	AC230V	
Frequency	50Hz	
Input Voltage	AC200-240V	
Efficiency	≥82%	≥82%
Total load wattage	10W±1W	13W±1W
Power Factor	0.85	0.9
Rated Input Current	≤0.06A	≤0.08A
Full load output voltage	DC23-40V	DC23-40V
Rated output current	230mA	280mA
Output current range	230mA±5%	280mA±5%
Power tolerance	5%	
Current output tolerance	5%	
Dimming Range	10%-100%	
Short circuit protection	PASS	
Over voltage protection	PASS	
Over temperature protection	PASS	
THD	-	
Surge	L-N 0.5KV	
Withstand voltage	AC3750V	

Installation Procedure

WARNING

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

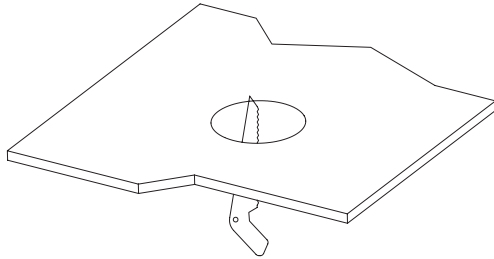


**Turn Off
Power Supply**

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

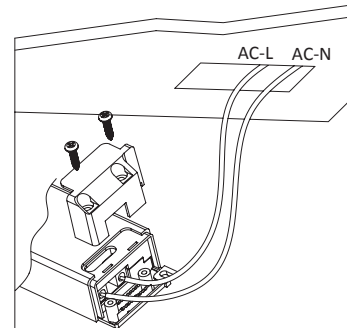
How to install

Step 1



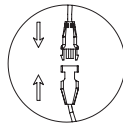
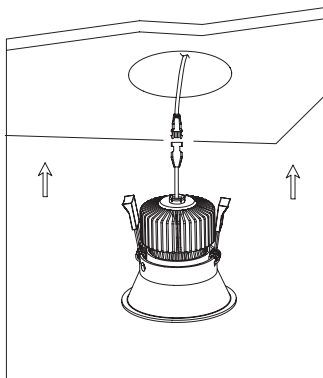
Open a hole according to the cutout size of led downlight.

Step 2



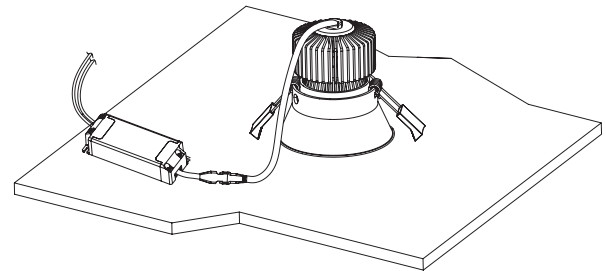
Use screw-driver to open the driver terminal cover, feed the main AC wire L. N. in terminal block respectively, then fix the cover back.

Step 3



Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

Step 4



Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.