

Introduction to the Nikini range



This ceiling light has a high performance, Driver variants such as on/off, Dimmable, Integral Emergency, Sensor, color switchable, wattage switchable; Quick terminal block and rotation cover design makes the fitting much easier to install; Connect in series, opening wiring and concealed wiring are both available; IP54 and IP65 are optional; Driver can be replaced for maintenance purposes.

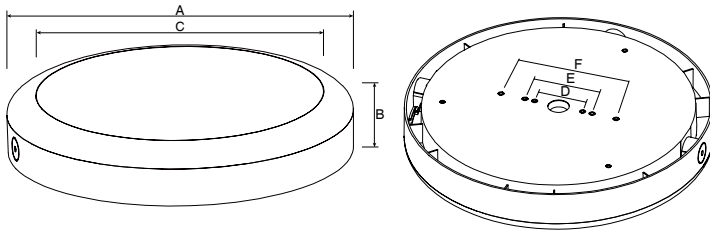
Features

1. Multifunctional: on/off, Dimmable, Emergency, Sensor, Color switchable, Wattage switchable.
2. IP54 and IP65 optional.
3. Labour-saver: easy to install and maintain.
4. Connect in series, opening wiring and concealed wiring are both available.
5. Driver changeable .

Application Areas

It is designed for general lighting applications. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.





Measurement

Inch	Dimension(mm)						Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D	E	F		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
12"	300	60	249.5	50	70	120	Ø300*60	0.96	1.03	5.8	7.6	41*33*33.5	6	3528	8274

Technical Data Sheet

Codel No.			LT55A-12-15W	LT55B-12-15W
Watt(W)			15W	
Dimension(mm)			Ø300*60	
Rated Input Voltage(V)			AC230V	
Input Voltage(V)			AC200-240V	
LED			SMD	
SDCM			<6	
CCT(K)			1-CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K / 4000K / 5700K	
"Luminous Flux (lm) ±5%	1-CCT	Non-DIM	1270-1420	700-900
		DIM	1230-1350	650-950
	3-CCT	Non-DIM	1360-1480	800-1000
		DIM	1360-1410	750-950
CRI			≥80	
Beam Angle (°)			110°	
LED Driver			Built-in	
DIM			YES	
CCT Selection Switch			YES	
Protection Class			Class II	
IP Rating			IP65	
IK Rating			IK08	
Finishing color			White RAL 9016	
Material			PC	
Lifetime (hr)			50,000h	
Glow wire test (°C)			750°C	
Operating Temp.(°C)			-20°C ~45°C	
Storage Temp.(°C)			-20°C ~65°C	
Installation			Surface Mounted	

Driver Datasheet (Non-dimmable)

Power	15W
Rated Input Voltage(V)	AC230V
Frequency	50/60Hz
Input Voltage	AC200-240V
Efficiency	≥85%
Total load wattage	15W±1W
Power Factor	0.9
Rated Input Current	≤0.1A
Full load output voltage	DC25-42V
Rated output current	350mA
Output current range	350mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	≤18%
Surge	L-N 500V
Withstand voltage	AC3750V

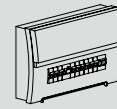
Driver Datasheet (Triac Dimmable)

Power	15W
Rated Input Voltage(V)	AC230V
Frequency	50Hz
Input Voltage	AC200-240V
Efficiency	83%
Total load wattage	15W±1W
Power Factor	0.9
Rated Input Current	≤0.09A
Full load output voltage	DC23-40V
Rated output current	350mA
Output current range	350mA±5%
Power tolerance	±5%
Current output tolerance	±5%
Dimming Range	8%-100%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	-
Surge	L-N 500V
Withstand voltage	AC3750V

Installation Procedure

WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

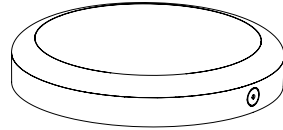


**Turn Off
Power Supply**

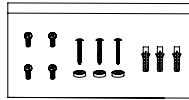
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

How to install

Step 1

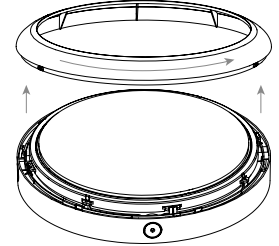


Take out the lamp and accessory pack.



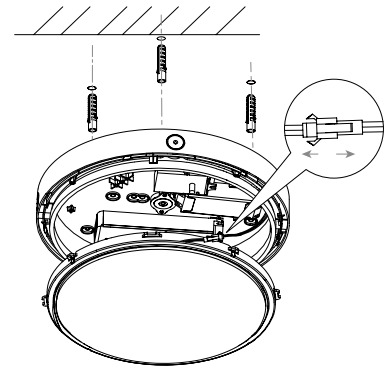
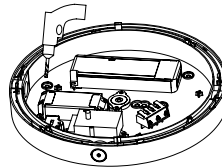
Step 2

Unscrew the front frame anticlockwise and take it out, make the frame, diffuser and back housing separately.



Step 3

Disconnect the connection plug, fix the base plate (Installation holes are optional according to different market requests).



Step 4

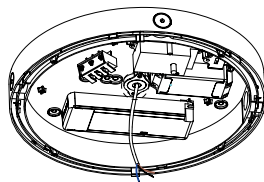
(Standard)



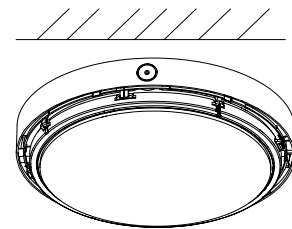
WW NW CW



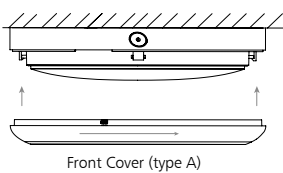
Connect the wires to the block through the reliefs.



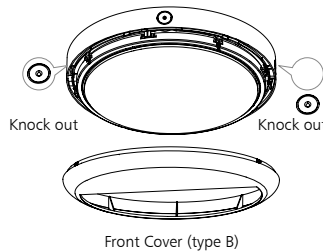
Step 5



Step 6



Front Cover (type A)

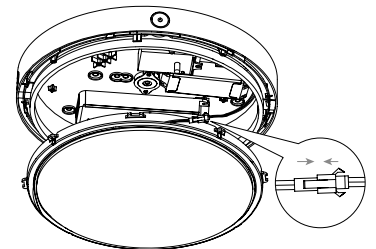


Knock out

Knock out

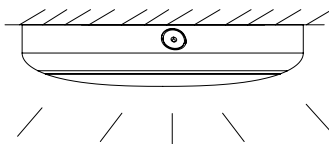
Front Cover (type B)

set the connectors well and insert the diffuser cover on the back housing (if with IP65, screws need to be inserted).



Match the cover with plate (If with Type B cover, make sure the center line is on the connecting line of the two knock out)

Step 7



Installation of concealed wiring.

