

Description: RX-ALF5050-Dxx ceiling lamp dedicated LED panel , using the world's top light efficiency LED, Waterproof, low temperature rise, long life and so on. Mainly used in Bedroom and Reading Room, Balcony, Kitchen/Toilet, Children's Room, Living Room, Replace of circular fluorescent, energy-saving 50%.



Features:

- 1.True high-efficiency, replacement T5 T6 circular fluorescent, 50% energy saving
- 2.No mercury, No radiation, no stroboscopic light
- 3.Waterproof design, waterproof grade IP67
- 4.Instant start-up, Can frequently closed to open
- 5.Full aluminum heat dissipation, low temperature rise, the strict high and low temperature experiments, higher reliability
- 6.Long life: ≥ 50000 hours. Warranty: 3 years
- 7.China Patent No.: ZL200820131053, ZL200820132702

Scope of application:

Apply to lighting, Direct replacement of ceiling lamp light source
Mainly used for home, hotel, restaurants, corridor lighting.



Electronical Specifications:

Input: DC 9.6V or 12V

Power: the table below

Viewing angle: 120° luminous efficiency: ≥ 110 Lm / W

Color rendering index: Ra 70/80

Available colors: white6000-6500K,

Neutral whit4200-4700K; warm white3000-3500K

Mechanical Specifications:

Dimensions: see table below

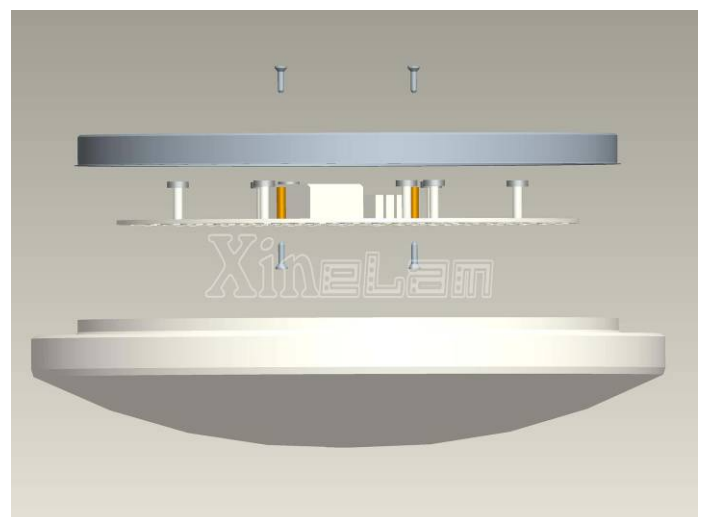
LED Panel Weight: --

LED panel thickness: 3.5mm

Temperature: $-20^\circ\text{C} \sim 50^\circ\text{C}$

Storage Temperature $-20^\circ\text{C} \sim 80^\circ\text{C}$

※Power and LED panel is waterproof DC plug cable, also according to customer requirements; can customize the size and shape!



The picture above is for reference only!

Model data table:

MODEL	Diameter of the LED panel	Luminous flux Lm	Illuminance Lux Equivalent fluorescent	LED driver models	Alternative LED driver	LED panel power Total power		Note
						LED panel	AC power Total	
RX-ALF5050-D16 AC 11W 60LED	Φ160mm	990Lm	22W T5 Circular	EFV-018	Mean Well power supply PCD-16 Compatible TRIAC DM	9.6V 0.9A 8.8W	100-240V AC 11W	
RX-ALF5050-D20 AC 12W 69LED	Φ200mm	1080Lm	22W T9 Circular	EFV-018		9.6V 1A 9.6W	100-240V AC 12W	
RX-ALF5050-D26 AC 16W 76LED	Φ260mm	1420Lm	32W T5 Circular	EFV-018		9.6V 1.3A 12.8W	100-240V AC 16W	
RX-ALF5050-D30 AC 20W 108LED	Φ300mm	1800Lm	40W T5 Circular	EFC-020	Mean Well power supply ELN-30	9.6V 1.75A	175-240V AC 20W	TRIAC DM
RX-ALF5050-D40 AC 40W 192LED	Φ400mm	3600Lm	80W	EFV-020 2PCS		9.6V 1.75Ax2	175-240V AC 40W	TRIAC DM
RX-ALF5050-D50 AC 70W 300LED	Φ500mm	6300Lm	140W	EFV-020 3PCS		9.6V 1.9Ax3	175-240V AC 70W	TRIAC DM
RX-ALF5050-D50B AC 40W 192LED	Φ500mm	3600Lm	80W	EFV-020 2PCS		9.6V 1.75Ax2	175-240V AC 40W	TRIAC DM

Note: Our power only CE & RoHS; outside Europe, please use the Mean Well power supply, the ELN-30 can not TRIAC dimming.
(Select the thickness of Meanwell Power increase 7mm; additional stud length 7mm); we can customize the LED panel size you need, the power consumption.

LED panel contains components - particularly important

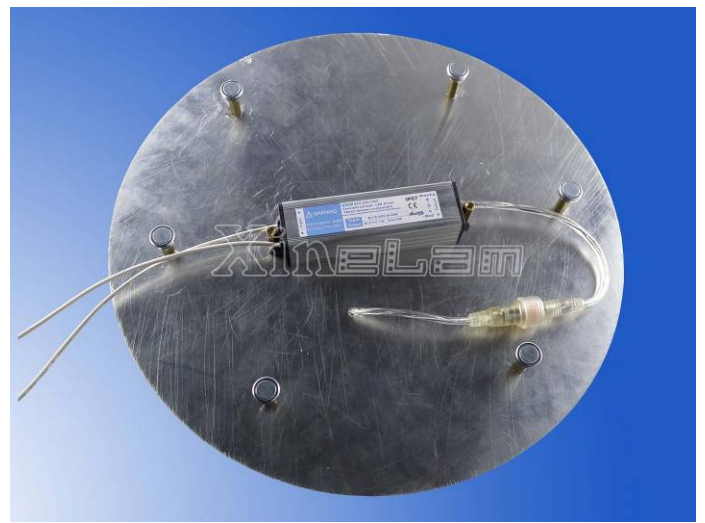
MODEL	Diameter mm	LED driver	M4 screws	M4 stud	Magnetic screw	Heat shrinkable	Total Power
RX-ALF5050-D16 60LED	Φ160mm 1pcs	EFV-018 1pcs	10mm 7pcs	15mm 5pcs	14x9mm 3pcs	1set	11W
		PCD-16 1pcs	10mm 7pcs	22mm 5pcs	14x9mm 3pcs	1set	12.8W
RX-ALF5050-D20 69LED	Φ200mm 1pcs	EFV-018 1pcs	10mm 7pcs	15mm 5pcs	14x9mm 3pcs	1set	12W
		PCD-16 1pcs	10mm 7pcs	22mm 5pcs	14x9mm 3pcs	1set	12.8W
RX-ALF5050-D26 76LED	Φ260mm 1pcs	EFV-018 1pcs	10mm 10pcs	15mm 8pcs	14x9mm 6pcs	1set	16W
		PCD-16 1pcs	10mm 10pcs	22mm 8pcs	14x9mm 6pcs	1set	17W
RX-ALF5050-D30 108LED	Φ300mm 1pcs	EFC-020 1pcs	10mm 10pcs	15mm 8pcs	14x9mm 6pcs	1set	20W
		ELN-30 1pcs	10mm 10pcs	22mm 8pcs	14x9mm 6pcs	1set	20W
RX-ALF5050-D40 192LED	Φ400mm 1pcs	EFC-020 2pcs	10mm 18pcs	15mm 14pcs	14x9mm 10pcs	1set	40W
		ELN-30 2pcs	10mm 18pcs	22mm 14pcs	14x9mm 10pcs	1set	40W
RX-ALF5050-D50 300LED	Φ500mm 1pcs	EFC-020 3pcs	10mm 24pcs	15mm 18pcs	14x9mm 12pcs	1set	70W
		ELN-30 2pcs	10mm 22pcs	15mm 18pcs	14x9mm 12pcs	1set	70W
RX-ALF5050-D50B 192LED	Φ500mm 1pcs	EFC-020 2pcs	10mm 22pcs	15mm 18pcs	14x9mm 12pcs	1set	40W
		ELN-30 2pcs	10mm 22pcs	15mm 18pcs	14x9mm 12pcs	1set	40W

The above components according to the practical application there will be differences, if in doubt, please contact us
More power LED circular panel; can be customized!

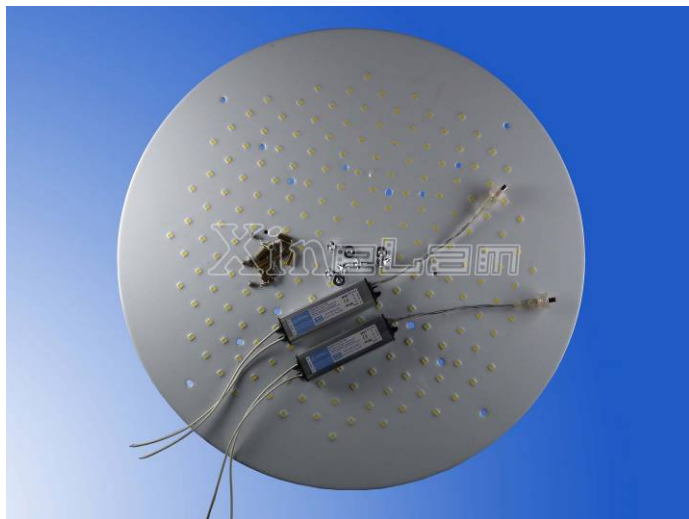
Related Products picture



RX-ALF5050-D30 Φ 300mm 20W



RX-ALF5050-D30 Φ 300mm 20W



RX-ALF5050-D50B Φ 500mm 40W



RX-ALF5050-D50B Φ 500mm 40W

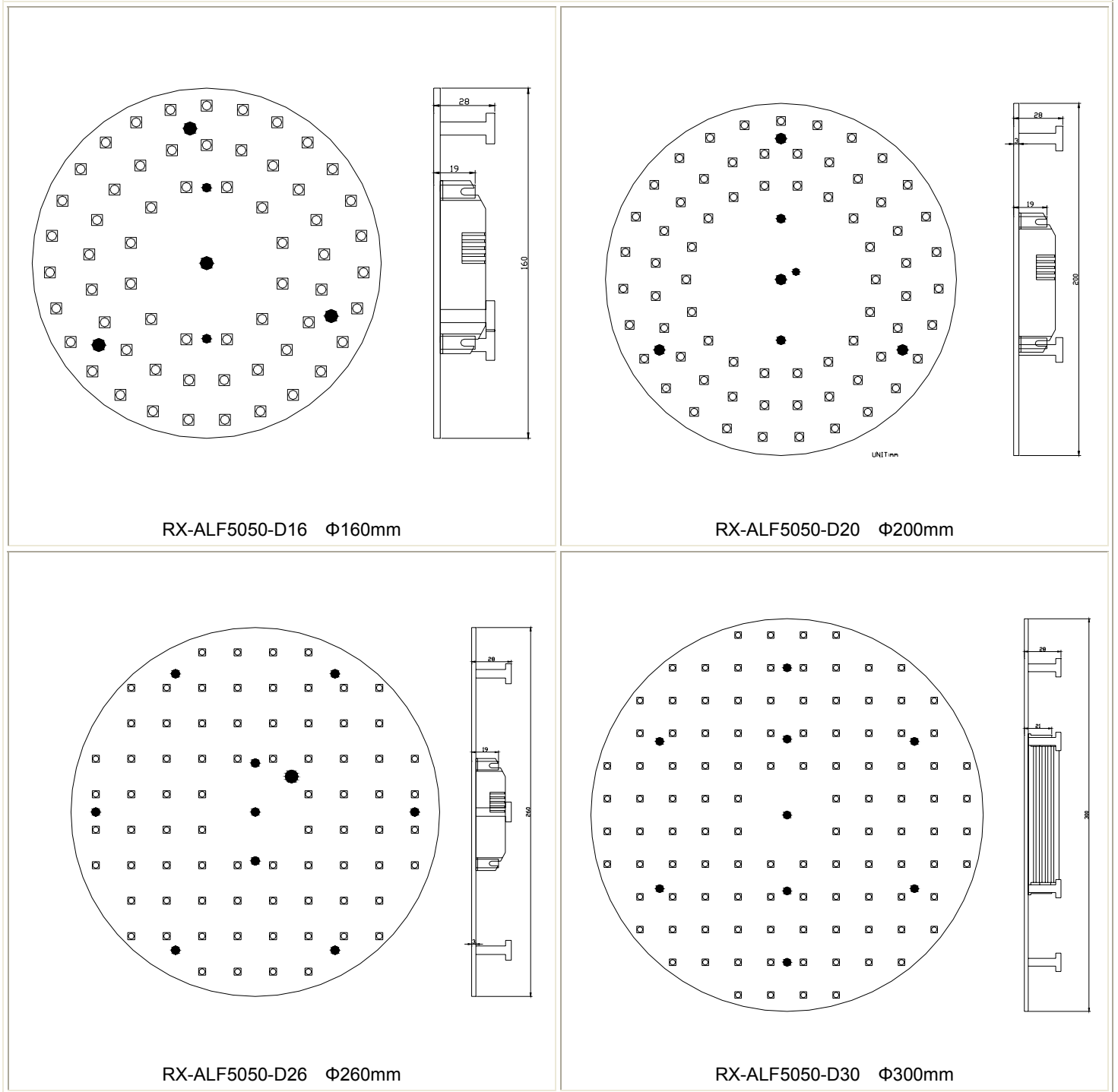


Panasonic 22W Waterproof Ceiling shell



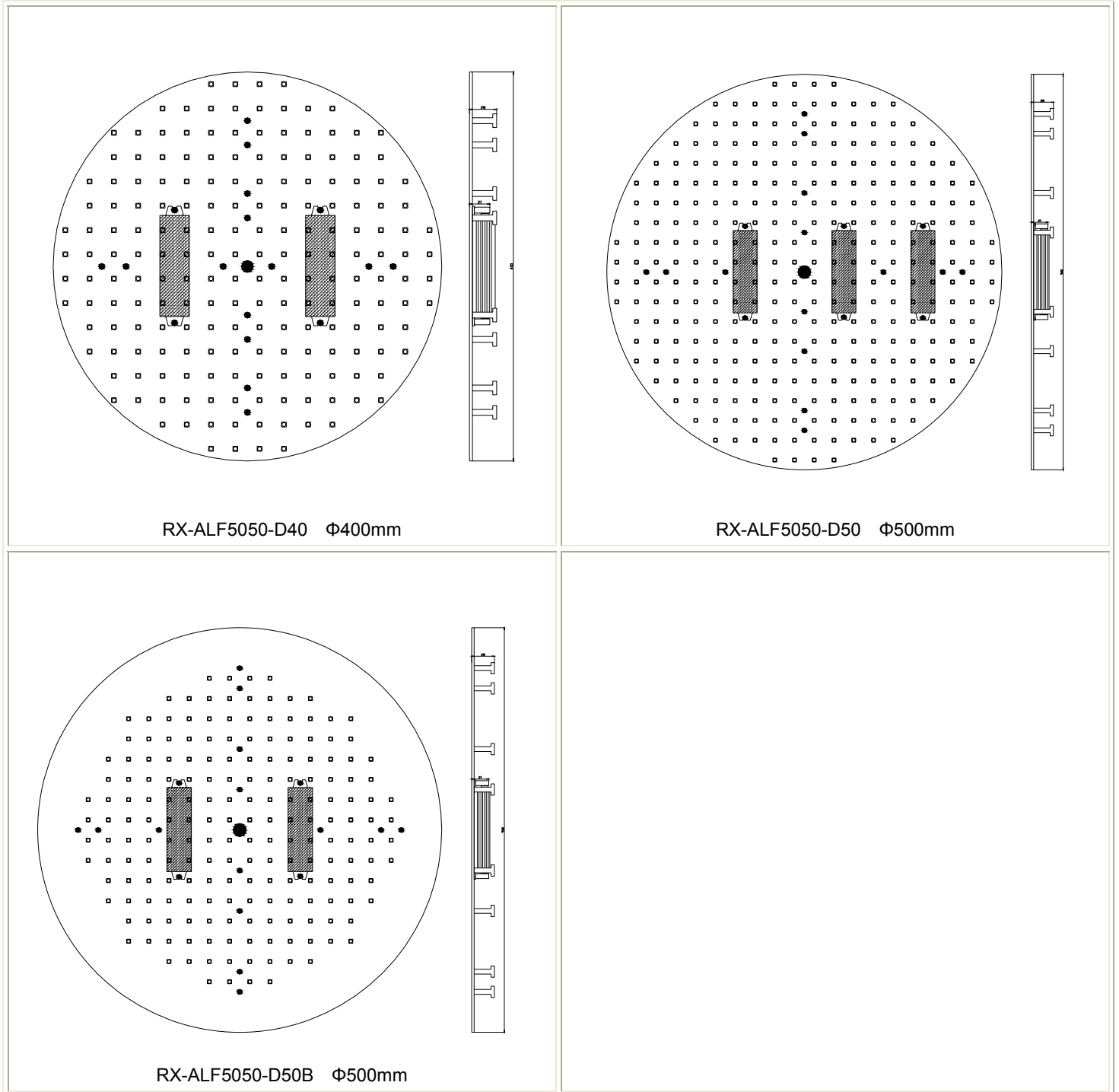
Panasonic 22W Waterproof Ceiling shell

Dimension



Note: Use Mean Well power supply; Stud length will increase the 7mm

Dimension



Note: Use Mean Well power supply; Stud length will increase the 7mm

CAUTION: This product is installed by a professional engineering staff.

Safety Information

1. The LED panel itself and all its components may not be mechanically stressed.
2. Assembly must not damage or destroy conducting paths on the circuit board.
3. Installation of LED lamp (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
4. Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED panel.
5. Please ensure that the power supply of adapters power to operate the total load.
6. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
7. Pay attention to standard ESD precautions when installing the LED panel.
8. Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
9. Waterproof LED panel , please note waterproof wiring department

LED panel light source and fluorescent light contrast

