**Description**: Xinelam LED Light Sources KIT, using a unique design, Completely in accord with the connotation of green lighting, contains highly efficient energy-saving, environmental protection, safety, comfort, long-life. Specifically optimized design for solve the problem of Invisible or Imperceptible Flicker, Protect your eyes - No flicker!

Waterproof

IP67

No flicker

No Visible Flicker
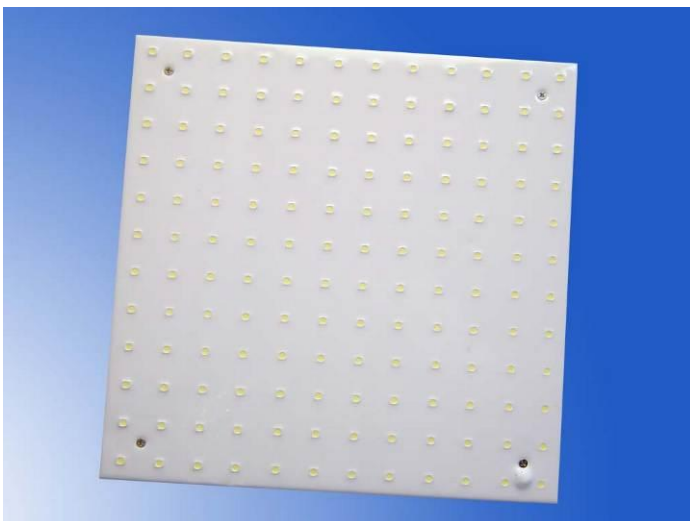
No Imperceptible Flicker

CRI >85
Luminous efficiency

110Lm/W AC input

Long-life LED panel

Long-life power supply

Sizes

A variety of options

Full AL Board radiator

No additional heat sink

Application specs	
Brightness	A variety of options
Default Colors	CW6000~6500K
Other colors	WW2700~3200K NW4200~4700K
CRI	> 85
Application Environment	Dry & Damp Locations
Operating Temperature	-22°F~122°F (-30~50°C)
Electrical specs	
Power	A variety of options
Input	AC 90~265V
Warranty	3 years
Certification	CE RoHS FCC

No flicker

VS

100/120Hz flicker

How to identify Invisible or Imperceptible Flicker:

The easiest way is: take out your camera or mobile phone with a camera function, close-up shots lamp light source, less than 30cm (high brightness point light source is required to use the lampshade diffusion cover), flicker the lamps will show blinds or appear regularly stripes; the no flicker lamps like a blank sheet of paper, not streaks.
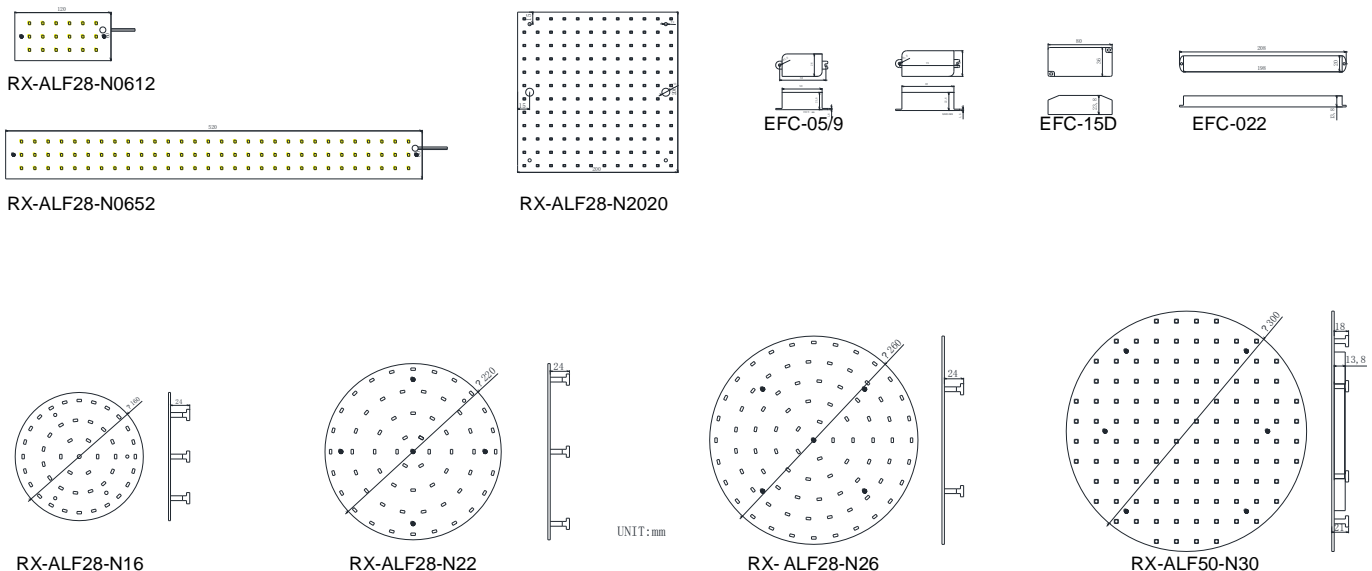
The Invisible or Imperceptible flicker, can also affect human health, such as: The effects can range from headache to the decreased visual performance to non-specific malaise to the onset of some forms of epilepsy. **IEEE P1789**

RX-AFL28   series specs

MODEL	LED panel		LED drivers		Attachment		Luminous flux	Total Power	Comment
	Diameter Thick 3mm	Input	Model	power Input	M4 screws M4 stud 15mm Magnetic 9mm	Shrink tube			
RX-ALF28-N16 Round panel	Ø160mm 45LED	9Sx5P* 26~31V Max0.3A	EFC-09	AC90~265V PF>0.5	3set	2set	1200Lm	12W	Replace 21W 2D tube
RX-ALF28-N22 Round panel	Ø220mm 60LED	10Sx6P 28~34V Max0.36A	EFC-15D Triac DIM	AC85~135V AC165~265V PF>0.99	4set	2set	1600Lm	16W	Replace 32W T5 tube
RX-ALF28-N26 Round panel	Ø260mm 84LED	12Sx7P 33~40V Max0.42A			4set	2set	2000Lm	20W	Replace 40W T5 tube
RX-ALF50-N30 Round panel	Ø300mm 112LED	12Sx28P 33~40V Max0.56A	EFC-022	AC90~265V PF>0.60	4set	2set	2600Lm	26W	Replace 52W T5 tube
RX-ALF28-N2020 Square panel	200x200mm 144LED	12Sx12P 33~40V Max0.72A	EFC-09	AC90~265V PF>0.5	4set	2set	1320Lm	12W	Replace 24W T5 tube
RX-ALF28-25-2020 Square panel	200x200mm 64LED	8Sx8P 23~27V Max0.48A	EFC-09	AC90~265V PF>0.5	4set	2set	1200Lm	12W	
RX-ALF28-25-3030 Square panel	300x300mm 144LED	12Sx12P 33~40V Max0.72A	EFC-022	AC90~265V PF>0.5	4set	2set	2800Lm	28W	Replace 56W fluorescent
RX-ALF35-N3737 Square panel	370x370mm 225LED	15Sx15P 42~51V Max0.9A	EFC-40	AC90~265V PF>0.9	6set	2set	5000Lm	50W	Replace 100W fluorescent
RX-ALF28-N0612 Rectangular panel	.60x120mm 18LED	6Sx3P 17~20V Max0.18A	EFC-05	AC90~265V PF>0.5	2set	2set	420Lm	5W	Mini KIT
RX-ALF28-N0652 Rectangular panel	60x520mm 90LED	6Sx15P(6v led) 33~40V Max0.45A	EFC-15D Triac DIM	AC85~135V AC165~265V PF>0.99	--	2set	1800Lm	18W	Replace 40W H TYPE tube
RX-ALF28-25-2050 Rectangular panel	200x500mm 160LED	10Sx8Px2Line 28~34V Max0.96A	EFC-15D 2pcs	AC85~135V AC165~265V PF>0.99	6set	2set	4000Lm	40W	Replace 80W T5 tube
RX-ALF28-25 -06120 Long board	60x1200mm 96LED	12Sx8P 33~40V Max0.48A	EFC-15D Triac DIM	AC85~135V AC165~265V PF>0.99	--	2set	2000Lm	20W	Replace 40W T5 tube
RX-ALF28-N06120 Long board	60x1200mm 144LED	12Sx12P 33~38V Max0.72A	EFC-022	AC90~265V PF>0.60	--	2set	2800Lm	28W	Replace 56W T5 tube

*9sx5p: 9 series and 5 LEDs in parallel connection. Total power - Including drivers power consumption, Tolerance range for optical and electrical data: ±10 %.

The above table data testing at room temperature is 25 °C, test voltage AC230V 50Hz; LED color temperature 6000-6500K, CRI: >85, long-life: ≥ 50000hours

Protection: IP67;   Beam spread: 120°;   Temperature: -20 °C ~50 °C   Storage Temperature -20 °C ~60 °C,

Long-life power supply, 105°C long life electrolytic capacitors of 10000 hours, 10 times longer than ordinary life electrolytic capacitors

Dimensions

RX-ALF28-N0612

RX-ALF28-N0652

RX-ALF28-N2020

EFC-05/9

EFC-15D

EFC-022

RX-ALF28-N16

RX-ALF28-N22

UNIT:mm

RX- ALF28-N26

RX-ALF50-N30

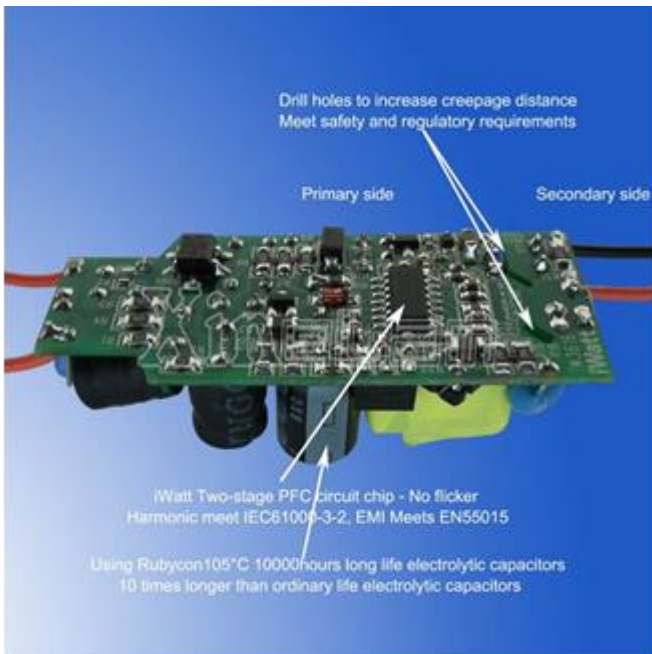1. Waterproof round LED panel light-emitting uniform, Central point without dark areas

VS
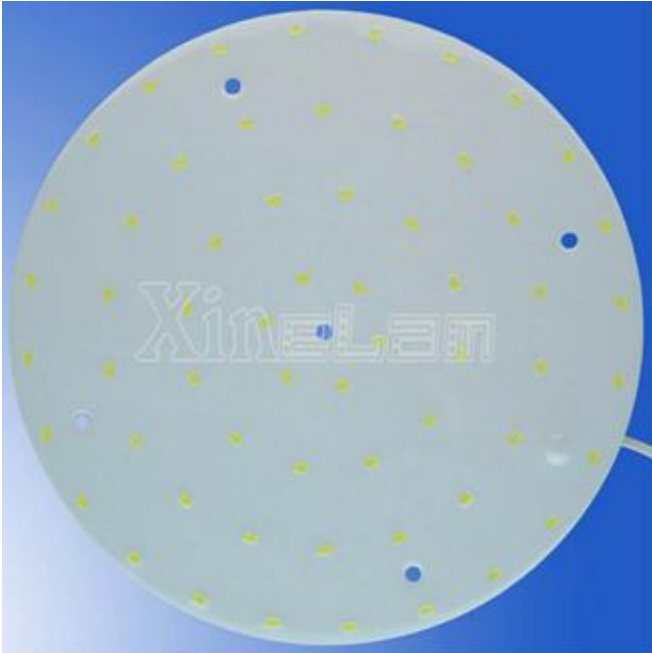
IP67 waterproof treatment

full Aluminum substrate cooling module

Low prices, poor cooling effect

lamps center of the dark area.

2. The world famous iWatt digital power chip; Ensure that the products comply with safety regulations!

   TRIAC dimmer compatible, No flicker

VS

EFC-15D Internal circuit boards

Using Rubycon105°C long life electrolytic capacitors of

8000~10000 hours, 10 times longer than ordinary life

electrolytic capacitors

Meet "Safety and Regulations" requirements
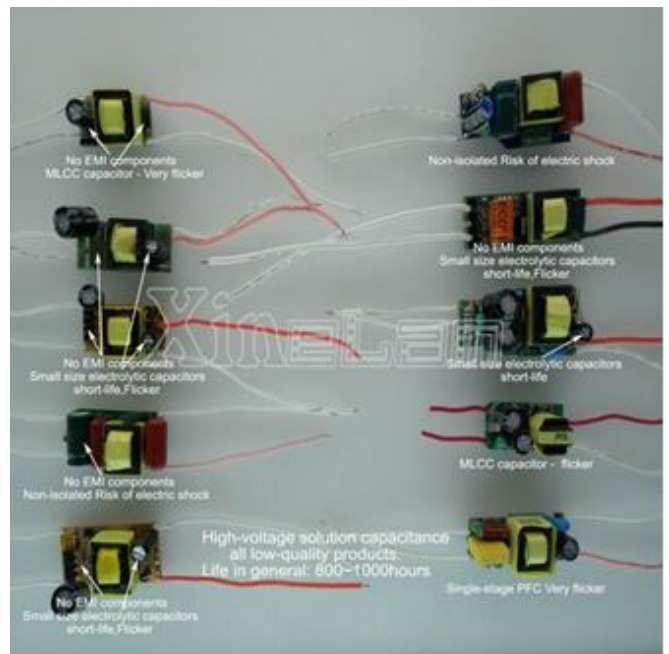
Ordinary electrolytic capacitor life is 800 ~ 1000 hours

Not enough creepage distance, does not comply with safety

regulations, the risk of electric shock

Without EMI components, Not EMI and EMS test

MLCC capacitor , low price, flicker

Installation:
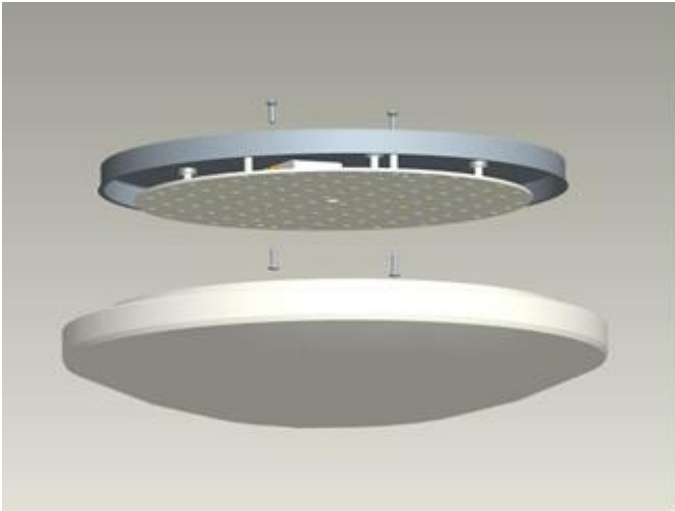
1.   Disconnect power to the fixture at source. DO NOT SIMPLY SWITCH OFF FIXTURE.

2.   Ensure you are working with standard Fluorescent Light fixture.

3.   Unpack the LED panel Light:

     Unpack and carefully examine product

     Do not use the product if it is damaged

4.   Open the fixture housing. Cut wire and remove the ballast. Remove the starter if exists

     Re-connect the Hot (L) wire to one end and Neutral (N) wire to the other end

5.   Check to ensure wiring is done correctly then close the fixture housing

6.   Affix warning labels to fixtures near socket so they are visible to tube light installers

7.   Re-connect power to the fixture and turn on switch. The LED Tube Light will light

Note:

1. Cut off the power before installation to ensure the switch in the closed state, to prevent electric shock.

2. To avoid the installation of the heat source and hot steam, corrosive gas, so as not to affect the life span.

3. This product is limited to indoor use, outdoor water-proof, please note

4. Is not compatible with traditional dimming, can not use dimmers (Indicate TRIAC dimming except)

5. Mounting location before installation to ensure that products can withstand the weight. Avoid high-altitude drop, hard object collisions, percussion.

Warning Description:

     Open the product should immediately check the product after packaging is intact. Appear artificial or statement within the specified requirements caused by the failure, retreat retailers or directly return to factory replacement. Such as long-term disabled should be stored in cool, dry, clean environment, prohibit the humid, hot, or flammable places of storage and use. Not disassemble, replace the device. Product improvements or other reasons due to parameter change without notice.