

Suspended or surface mounted modular LED-based lighting system for offices and classrooms, warehouse and supermarket, lobbies and lounges. Modern and anti-glare (UGR16) grille design, makes light more comfortable and safe. Easy installation and energy efficiency up to 100 lm/w. These are unbeatable arguments for choosing the UGR16 LED lamps.



## Driver Info

Type:	Constant Current
Voltage:	120-277V
(options)	220-240V
Input Watts:	80W
Efficiency:	96%

## LED Info

Watts:	80W
Color Temp:	2700-6500K
Color Accuracy:	>70
L70 Lifespan:	100000
Lumens:	8000
Efficacy:	100 lm/W

## Technical Specifications

### Listings

#### LM-80 Testing:

LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

### Electrical

#### Driver:

Constant Current, Isolated, 120-277V, 50/60 Hz, 6KV surge protection

#### THD:

6.7% at 120V  
9.1% at 277V

#### Power Factor:

96% at 120V  
94% at 277V

### LED Characteristics

#### LED:

High performance CREE LEDs

#### Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations Anti-glare

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period

### Color Uniformity:

Li-tian's range of CCT (Correlated Color Temperature) follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products.

### Construction

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

#### Housing:

Precision extruded aluminum housing

#### Lens:

Milky frosted polycarbonate lens

#### Finish:

Formulated for high-durability and long lasting color

#### Green Technology:

Mercury and UV-free. RoHS compliant components.

#### Anti-glare

(UGR16) grille design

### Mounting

#### 2 Options

Pendant Mount, Stem Mount, Tool-less channel cover for easy installation, three-point aligner locks in place for easy continuous-row mounting.

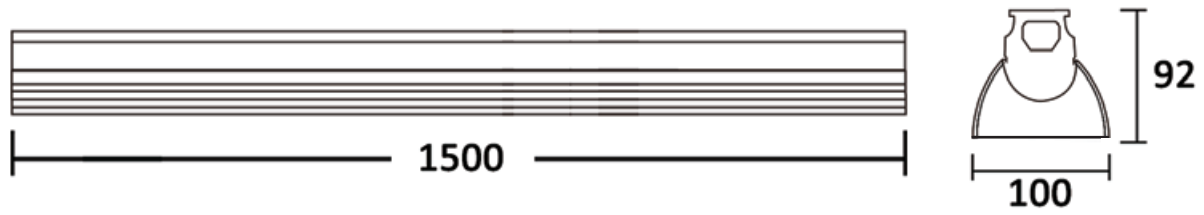
### Options

#### Lighting Control

120-277V 1-10V dimming optional  
220-240V 1-10V dimming optional

## Dimensions

unit:mm



## Accessories



M12 Expansion screw



Install the fixture



1.5m Adjustable steel wire



15cm Connect the fixture

## Learn More

Tel: +86-760-23757187  
Fax: +86-760-23757185  
Website: [www.ilitianled.com](http://www.ilitianled.com)  
ADD: Block B 4/F, No.2 Yihui 2nd Road Maohui Industry, Sisha, Henglan Town,  
Zhongshan City, Guangdong Province, China.