

## SPECIFICATION OF LED SHOP LIGHT

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40W/50W/80W/100W



Product number

Shop lights-4ft-40W

Shop lights-4ft-50W

Shop lamp-8ft-80W

Shop lamp-8ft-100W

Approve APPROVED BY	Review CHECKED BY	Fictitious DESIGNED BY

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# (1) Product Features

- √ Using advanced LED semiconductor lighting technology, 70% energy saving than traditional fluorescent lamps;

Advanced LED technology, up to 70% energy-saving than fluorescent lamp;

- √ Adopt high luminous efficiency and high CRI SMD LED lamp beads;

High Lumen, high CRI SMD chip

- √ The lamp body is made of high-purity aluminum after finishing and anodized. The appearance is simple and fashionable, and it will never change color.

Anodized raffinal housing material that will never fade, concise and fashionable

- √ Excellent thermal management can effectively ensure the long-term stable operation of the LED lamp and effectively control the light attenuation problem.

Organized heat management, maintaining the minimum luminous attenuation,  
ensuring a uniform and stable working environment

- √ Power supply overload protection design, low current and low voltage operation, higher safety performance;

Overload protection of the driver, operating with low current and voltage,high safety

- √ Ultra-long life design, the capacitor can reach 30,000 hours, which is 17 times the life of traditional fluorescent lamps;

Long lifespan dsign, electric capacity reach up to 30,000 hours,  
17 times as the fluorescent lamp

- √ Easy to install, convenient to use, no need to replace the lamps, and can directly replace traditional fluorescent lamps after changing the circuit as shown in the figure below;

Easy installation and application, can replace the fluorescent lamp directly after  
changing the circuit

- √ Green products, free of heavy metals and harmful gases such as lead and mercury;

Completely green, emitting no poisonous gas or heavy metal like Pb or Hg

- √ Using DC drive, effectively protect eyesight;

DC driver, protecting eyesight effectively

- √ No ultraviolet radiation and electromagnetic radiation, safer to the human body.

Without UV or EMI radiation, safer to human body

- √ Products are widely used in indoor lighting in factories, workshops, offices, shopping malls, supermarkets, underground parking lots, hospitals, schools, etc. They are traditional fluorescent lamps

Ideal alternative product.

Widely used in factory, warehouse, office, supermarket, parking lot, hospital,  
school, etc., is the ideal replacement of fluorescent lamp

## (2) Technical Parameter

Product number Model	Shop lights-4ft-40W	Shop lights-4ft-50W	Shop lamp-8ft-80W	Shop lamp-8ft-100W
Power consumption	40±5W	50±5W	80±5W	100±10W
Power type	UL certified isolated power supply			
Power Supply Type	UL Approved Isolated Power			
Power factor	≥ 90%			
Conversion Efficiency	≥92%			
Size mm Dimension mm	1217×112×50	1217×112×50	2409×112×50	2409×112×50
Working current 110V (A)	0.36	0.45	0.73	0.91
Shell material Housing Material	High-quality aviation aluminum + flame retardant mist diffuser/flame retardant transparent diffuser Aviation aluminum + flame-retardant frosted diffusion cover/flame retardant clear diffusion cover			
Operating temperature Working Temperature	-20 ~ 50°C			
storage temperature Storage Temperature	-30 ~ 50°C			
Input voltage Input Voltage	AC:100V to 277V, 50Hz to 60Hz			
Beam angle Beam Angle	120°			
Protection level IP Rating	IP20			
warranty period Warranty	30000 hours (5 years) 30,000 hours (5 years)			
Service life Lifespan	≥ 30,000 hours (5 years) ≥30,000 hours (5 years)			
Luminous flux per watt Luminous Flux	≥130-140LM	≥130-140LM	≥130-140LM	≥130-140LM
color Color Temperature	4000-6500K			
Color rendering index Color Rendering Index	White Ra ≥80 (CRI) Pure White Day ≥80 (CRI)		Warm white Ra ≥ 80 (CRI) Warm White Ra ≥ 80 (CRI)	
certified product Product Certification	UL CUL DLC			

### Description NOTES

v This product uses high brightness and high CRI 2835 SMD LED lamp beads

The chip of the product is high brightness high CRI SMD2835.

v The product shell is made of surface oxidation heat dissipation aluminum alloy and foggy full diffusion PC cover or transparent full diffusion PC cover

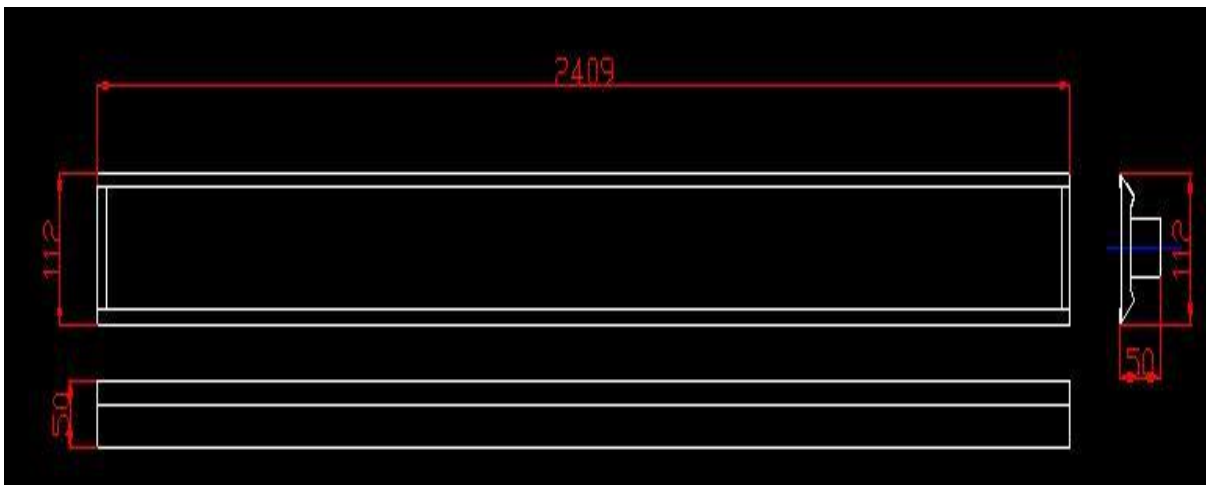
The housing material of the product is good heat sink surface-oxidized aluminum alloy and all diffused frosted or clear PC cover

### (3) Dimension Drawing

Shop lights-4ft-40W/50W



Shop lamp-8ft-80W/100W



#### (4) Installation & Instruction

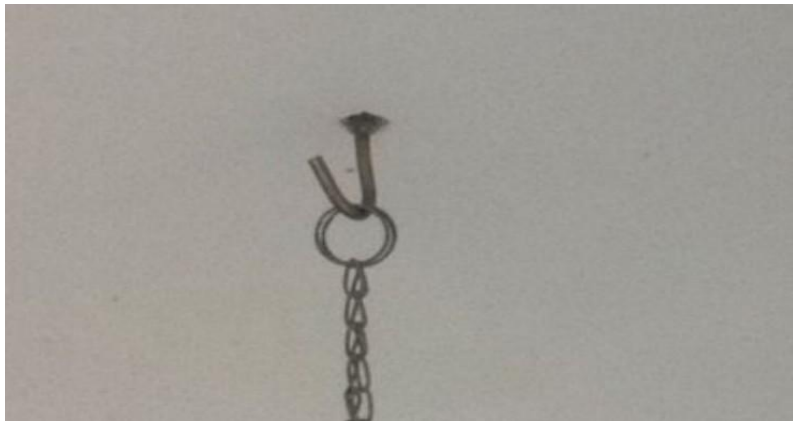
1. Install the mounting ring into the lamp housing, as shown below

1. Put the mounting ring into the light housing as following Fig



2. Install the hook on the ceiling where the installation location is needed as shown below

2. Fix a hook on the installation spot as following Fig



3. Install the installation rope on the lamp to the hook as shown below

3. Install the rope on the light on the hook as following Fig



## (5) Packing Size

Model	Qty/Carton	NW/Carton	GW/Carton	Packing Size
Shop lights-4ft-40W/50W	12pcs	-	-	L1235*W380*H245(mm)
Shop lights-4ft-40W/50W	12pcs	-	-	L1235*W380*H245(mm)
Shop lamp-8ft-80W/100W	12pcs	-	-	L2427*W380*H245(mm)
Shop lamp-8ft-80W/100W	12pcs	-	-	L2427*W380*H245(mm)

## (six) Notes

v The working voltage of the lamp is AC100-

277v, please ensure that the working voltage is within this range when connected to the power supply. Connecting a higher voltage than this will cause permanent damage to the lamp  
Bad.

The input voltage is AC100-277V, please make sure the voltage is within the range when connect to the power. Higher input voltage will casue permanent damage to the light

V

After unpacking or before use, please check whether the lamp is damaged due to transportation. If so, please stop the application and notify the supplier that this product  
The product can only be used when it is intact.

Check the light before using. If there is any damage during the shippment, please stop using it and contact the supplier. The light can ONLY be used when it is intact and complete.

V

In order to ensure the safe and normal use of the product, please strictly abide by the explanations and precautions in the user manual.  
The supplier is not responsible for the damage caused.

Please abide by the operating manual for safety's sake. The supplier is not responsible for any loss caused by illegal operation.

V

When in a high heat environment ( $\geq 60^{\circ}\text{C}$ ), please do not connect the LED light and the power supply, and when the working temperature exceeds a certain temperature  
, Its life will be greatly shortened, it is recommended to use this product at room temperature

Do not connect the light to power supply under high temperatue( $\geq 60^{\circ}\text{C}$ ). It is suggested to use the light under room temperature, for its lifespan would be shortened greatly when the working temperature reaches up to a certian degree. v

Before installation, please make sure that the local installation environment supports this product. It is recommended to install it in a stable place to prevent vibration and shaking.

Please make sure the light is applicable locally. Install the light at stable places in case of shake and vibration

V

Since the surface temperature of the lamp can reach  $50^{\circ}\text{C}$ , it is recommended that there is no heat sensitive equipment around the lamp. To ensure fit  
Please keep the product away from heat sources and use this product in a mild environment.

Its surface temperature reaches up to  $50^{\circ}\text{C}$  when working, please stay away from heat surce, do not have any equipment that is sensitive to heat arround the light and use it under gentle environment.

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