

SPECIFICATION OF LED SHOP LIGHT

40W/50W/80W/100W



产品型号

商店灯-4ft-40W

商店灯-4ft-50W

商店灯-8ft-80W

商店灯-8ft-100W

批准 APPROVED BY	审核 CHECKED BY	拟制 DESIGNED BY

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Content 目录

(一) 产品特性 Product Features.....	3
(二) 技术参数 Technical Parameters.....	4
(三) 外形尺寸图 Dimension Draw.....	5
(四) 安装说明 Installation & Instruction.....	6
(五) 包装尺寸 Packing Size.....	7
(六) 注意事项 Notes.....	7

(一) 产品特性 Product Features

- v 采用先进的LED半导体照明技术，比传统荧光灯节能70%；

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

- v 采用高光效高显指贴片式LED灯珠；

High Lumen, high CRI SMD chip

- v 灯体采用高纯度铝经精加工后阳极氧化而成，外观简洁时尚，永不变色。

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

- v 优良的热学管理，有效的保证LED灯的长期稳定工作，有效控制光衰减问题。

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

- v 电源过载保护设计，低电流低电压运行，安全性能更高；

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

- v 超长寿命设计，电容可以达到30000小时，是传统日光灯寿命的17倍；

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

- v 容易安装，使用方便，无需更换灯具，按下图更改电路后可直接取代传统日光灯；

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

- v 绿色产品，不含铅、汞等重金属和有害气体；

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

- v 采用直流驱动，有效保护视力；

DC driver, protecting eyesight effectively

- v 无紫外线辐射和电磁辐射，对人体更安全。

Without UV or EMI radiation, safer to human body

- v 产品广泛用于工厂、车间、办公室、商场、超市、地下停车场、医院、学校等室内照明，是传统日光灯的理想替代产品。

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

(二) 技术参数 Technical Parameter

产品型号 Model	商店灯-4ft-40W	商店灯-4ft-50W	商店灯-8ft-80W	商店灯-8ft-100W
消耗功率 Power Consumption	40±5W	50±5W	80±5W	100±10W
电源类型 Power Supply Type	UL认证隔离电源 UL Approved Isolated Power			
功率因数 Power Factor	≥ 90%			
Conversion Efficiency	≥92%			
尺寸mm Dimension mm	1217×112×50	1217×112×50	2409×112×50	2409×112×50
工作电流110V (A)	0.36	0.45	0.73	0.91
外壳材料 Housing Material	优质航空铝 + 阻燃雾状扩散罩/阻燃透明扩散罩 Aviational aluminum + flame-detardant frosted diffusion cover/flame retardant clear diffusion cover			
工作温度 Working Temperature	-20 ~ 50°C			
存储温度 Storage Temperature	-30 ~ 50°C			
输入电压 Input Voltage	AC:100V to 277V, 50Hz to 60Hz			
发光角度 Beam Angle	120°			
防护等级 IP Rating	IP20			
保修期 Warranty	30000小时 (5年) 30,000 hours (5 years)			
使用寿命 Lifespan	≥ 30,000小时 (5年) ≥30,000 hours (5 years)			
每瓦光通量 Luminous Flux	≥130-140LM	≥130-140LM	≥130-140LM	≥130-140LM
色温 Color Temperature	4000-6500K			
显色指数 Color Rendering Index	正白Ra ≥80 (CRI) 暖白Ra ≥ 80 (CRI) Pure White Ra ≥80 (CRI) Warm White Ra ≥ 80 (CRI)			
产品认证 Product Certification	UL CUL DLC			

说明 NOTES

v 本产品采用高亮度高显指2835贴片LED灯珠

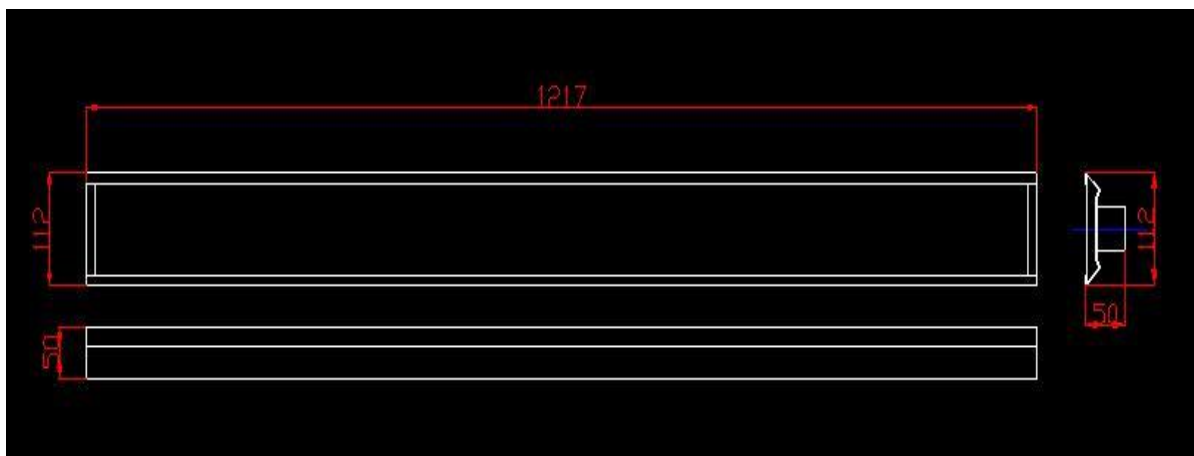
The chip of the product is high brightness high CRI SMD2835.

v 产品外壳为表面氧化散热铝合金和雾状全扩散PC罩或透明全全扩散PC罩

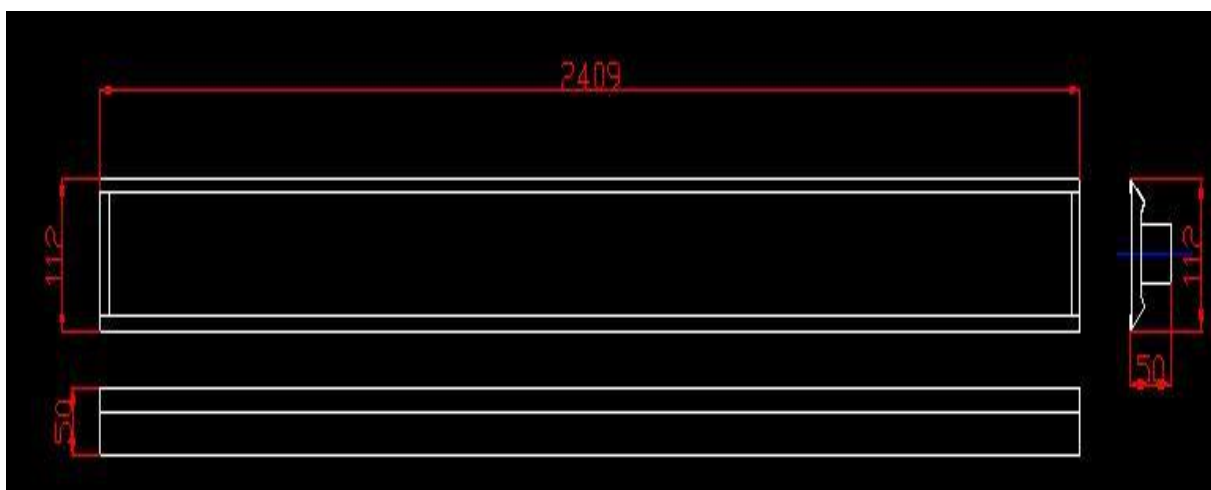
The housing material of the product is good heat sink surface-oxidized aluminum alloy and all diffused frosted or clear PC cover

(三) 外形尺寸图 Dimension Drawing

商店灯-4ft-40W/50W



商店灯-8ft-80W/100W



(四) 安装说明 Installation & Instruction

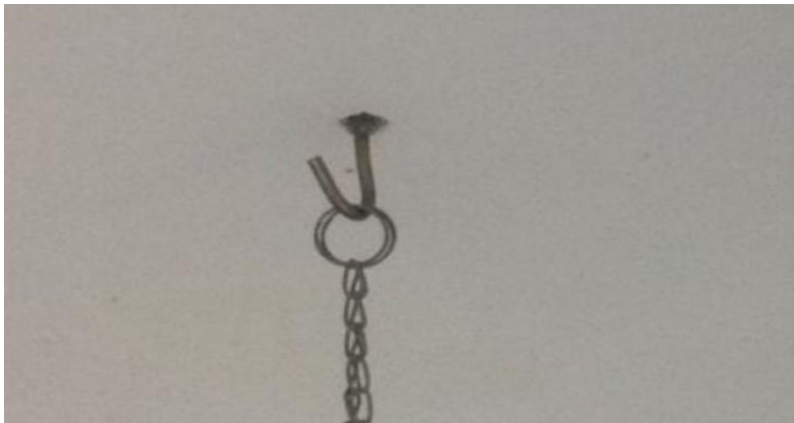
1.把安装环安装到灯具外壳中，如下图

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



2. 在需要安装位置的天花板上安装好挂钩如下图

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



3. 把灯具上的安装绳安装到挂钩上如下图

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



(五) Packing Size 包装尺寸

型号 Model	数量/箱 Qty/Carton	净重/箱 N.W./Carton	毛重/箱 G.W./Carton	外箱尺寸 Packing Size
商店灯-4ft-40W/50W	12pcs	-	-	L1235*W380*H245(mm)
商店灯-4ft-40W/50W	12pcs	-	-	L1235*W380*H245(mm)
商店灯-8ft-80W/100W	12pcs	-	-	L2427*W380*H245(mm)
商店灯-8ft-80W/100W	12pcs	-	-	L2427*W380*H245(mm)

(六) 注意事项 NOTES

v 灯的工作电压为AC100-

277v, 请确保连接到电源时工作电压在此范围内。连接比此更高的电压将会导致灯永久性损坏。

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

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拆包装后或者使用前请检查灯是否因运输而损坏。如有, 请停止适用并通知供应商, 此产品只能在完好无缺的情况下使用。

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 conmplete.

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为确保产品安全正常使用, 请严格遵守使用手册上的解说和注意事项, 任何因非法操作所造成的损失供应商不承担责任。

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

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当在高热环境下 ($\geq 60^{\circ}\text{C}$), 请不要连接LED灯和电源, 并且当工作温度超过一定温度时, 它的寿命将会大缩短, 建议在室温下使用本产品

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
安装前, 请确保本地的安装环境支持此产品, 建议安装在平稳的地方, 以防震动、摇晃。

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

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由于灯的表面温度能够达到 50°C , 建议灯的周围不要有任何对热敏感的设备。为确保合适的工作温度, 请保持产品远离热源且在温和的环境下使用此产品。

Its surface temperature reaches up to 50°C when working, please stay away from heat surce, do not have any equippmnt that is sensitive to heat arround the light and use it under gentle environment.

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