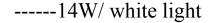


Shenzhen Isourecled lighting co., LTD

Specification of EH14 led light board module





14W LED module entity diagram

14W LED module lighting diagram



□ Introduction

- ❖ Isourceled production series modules do not need to be connected to an external drive, so it can help reduce the cost of the circuit and the size of the lamp. The large bead coverage of the lamp bead ensures that the illumination is absolutely uniform, no flash screen, and the lighting effect is very good.
- ♦ The products are all international standards, we pay attention to quality, good products, good quality, good brand, and users can rest assured.

□ Product features

- ♦ linear constant-current IC control, photoelectric integration, stable performance, reliable, long life.
- ♦ Three-stage integrated circuit design, the power change rate is within $\pm 5\%$ when the input voltage fluctuates between 220-240vac; Constant power over voltage current protection function.
- ♦ Overtemperature protection function, IC will ♦ PCB size can be customized according to automatically reduce the output current to control the temperature rise of the substrate, when the substrate temperature is too high.
- ♦ Using PCT2835 patch LED bead, color rendering index is more than 80.

- ♦ There is no EMI, through the CCC, CE, EMC, LVD, SAA, UL, FCC, ROHS certification, etc.
- ♦ No ultraviolet, electromagnetic wave radiation.
 - customer requirements.
- ♦ No need to drive, wiring can be, 3 years replacement, full light, no flash screen.











□ Scope of application

Ceiling lights, panel lights, ceiling lights, mining lights, street lights, LED down lights, fluorescent lights flood lights, etc.

☐ Product technical parameters

Туре	EH14-1	luminous	1515 lm
Input Voltage	AC220-240V 50HZ	luminous efficiency	108.5 lm/w
Input Current	0.1061A	ССТ	5000-6500K
Power	14W	Ra	87.1
Power Factor	0.599	Size	Round 139*1.2mm
Insulation Class	ACW>2KV	Weight	42 g
Operating tempeture	-20~45℃	Thermal Conductivity	1.0W/m.K

☐ installation guide

- 1. Clean the installation surface, evenly apply the heat-conducting silicone grease to the bottom of the LED module, and fix the LED module and radiator with screws.
- 2. Attach the lens and screw it in place.
- 3. Ac 220V power supply is introduced for power test.

☐ Use advice

- 1) This product has over temperature protection function, when the whole lamp temperature is too high, IC will automatically reduce the power to control the temperature rise, it is suggested to choose qualified high quality radiator. When the ambient temperature is 25°C, the Tc temperature at the temperature measurement point on the substrate surface should be <60°C. When the ambient temperature is 50°C, Tc<85°C.
- 2) Industrial and mining lamps, throwing light lamps, street lamps and other high-power projection lamps light efficiency to the distribution photometer shall prevail; Bulb lamp, lamp tube and other light efficiency to integral ball shall prevail.
- 3) It is recommended to use an insulating gasket at the bottom of the screw.
- ☐ Certificate









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