

SLS24

LED light street light





Characteristics

SLS24 is a new, energy-saving product that utilizes high power led as light source, it can be directly connected with an additional 85 - 264 VAC power supply and can also be powered with the optional solar panel kit.

The LED color spectrum, there is no ultraviolet light, no infrared rays, no heat, and no radiation produced. As a result, SLS24 is a conventional "green" lighting source and suitable for 4 ~ 6m pole height.

Product description

LED light source 24ea x Nichia 083 (BT)

color temperature

5200 ± 400K (cool white) or
or 3000 ± 300K (warm white)

total lumens (typical)

1789 lm (cool white)
1430 lm (warm white)

input voltage 12 VDC or 24 VDC

total power 26 Watts

operation temperature -30 ~ + 50 °C

protection level IP65

dimensions 550 x 100 x 95 mm

weight 2.1 kgs

hole size (max. diameter) < 55mm

average life time

lighting luminaire 10 years/
system approx. 50,000 hrs

other Information

standards CE approved

warranty 3 years

article No.

705212.024

customs tariff No. 9405.4095

recommended sales price:

only on request

Key Features

optical

Batwing beam patterns design with IESNA classification of type II, short and cut-off. The pole pitch is up to 4 mounting height with uniform illuminance distribution.

power

Switching mode and multiple channel constant current design to drive the individual LEDs series connected circuit to ensure LED constant current loading. Over-heat and over-voltage protection designs, self-thermal compensation ensured LED life. DC to DC power efficiency can reach 89%.

thermal

Optimal thermal design of the luminaire and surface temperature to achieve 55°C@30°C ambient and still air condition, 2°C temperature variation on sink base and LED junction temperature is controlled below 70°C. Overheat protection design, the LED current self-adjusted as sink base temperature reaches 70°C.

luminaire

Super high brightness, the total luminaire efficacy achieves 74.5 lm/W (not including AC to DC circuit power consumption).