



Characteristics

SLS24 is a new, energy-saving product that utilizes high power led as light source, it can be directly connected with a 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 3000 ± 300K (warm white)
total lumens (typical) 1789 lm (cool white) 1430 lm (warm white)
input voltage 12VDC or 24VDC
total power 26 Watts
operation temperature -30 ~ + 50 °C
protection level IP65
dimension 550 x 100 x 95 mm
weight 2.1 kgs
hole size (max. diameter) < 55mm
average life time / lighting luminaire 10 years system 20,000 hours

Other Information

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 -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).