



### 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).