

# LED Garden Light

**Model: Nightstar 1607-24-X (X denote color)**

**1. Applications:** can use in wet location

**2. Mechanical specification:**

Housing: Aluminum, lens

Wire type: UL SJTW 3\*18 AWG

Outline Dim:  $\Phi$  120\*165\*132.7mm

Net Weight: about 680g

Surface temperature:  $<60^{\circ}\text{C}$  (@ $T_a=25^{\circ}\text{C}$ )

Waterproof: IP65



**3.Environment Specification:**

Operation Temp:  $-25\sim+40^{\circ}\text{C}$

Humidity range: 20% ~ 90%

**4.Electric Specification:**

Input Voltage: DC24V

LED Type: 12\*1W

Power Consumption: 14W

**5. Optical performance:**

Color Temp: Cool White 5500~7000K&Warm White 2800K~3800K

Beam Angle  $2\theta_{1/2}$ :  $20^{\circ} \pm 2^{\circ}$

CRI: cool white  $>70$ ; warm white $>75$

Intensity of illumination:4100Lx@1 m distance cool white

3650Lx@1 m distance warm white

1025Lx@2 m distance cool white

910Lx@2 m distance warm white

455Lx@3 m distance cool white

405Lx@3 m distance warm white

Lighting Output Lumens: 1100lm@DC24 cool white

1000lm@DC24 warm white

**6. Average life time:** 30,000 hours in min.

### 7. Dimension:

