

SOLARE™

advanced LED task lighting

No need for regular maintenance such as the replacement of bulbs or o-rings.

10 watt LED throttled down to prolong life still provides **1200 lux** (12 volts) and **2500 lux** (24 volts) at 12 inches — brighter than a 25 watt halogen light.

Extruded aluminum heatsink/shroud keeps safe operating temperature to prevent burns.

Color temperature of 4100K provides a **neutral white** light that **accurately renders colors**.

Circuitry and wiring is **isolated from body**.

Innovative Design

Head and base permanently fastened to gooseneck to **prevent loosening**.

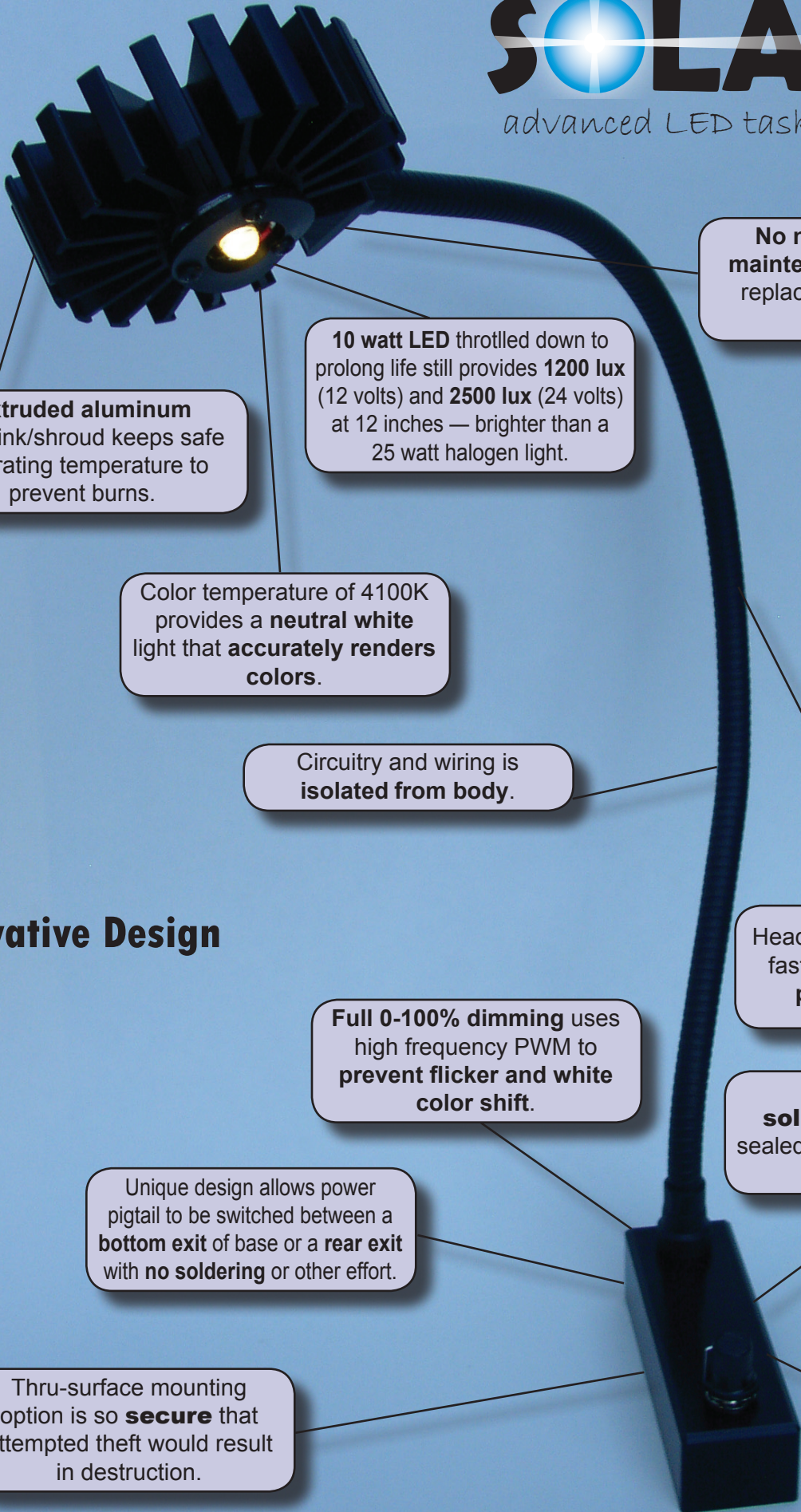
Full 0-100% dimming uses high frequency PWM to **prevent flicker and white color shift**.

Advanced **solid state circuitry** sealed for protection from the environment.

Unique design allows power pigtail to be switched between a **bottom exit** of base or a **rear exit** with **no soldering** or other effort.

Thru-surface mounting option is so **secure** that attempted theft would result in destruction.

Base machined from **solid aluminum**.



Specifications for Model G-4100-14

Light Output: Luminous Flux - 2500 lux (measured at 12 inches) 24 volt version
1200 lux (measured at 12 inches) 12 volt version
Lumens - 230lm/ft² (24 volt version); 111lm/ft² (12 volt version)
Color Temperature - 4100K (average)
Illumination Color - Neutral White
Color Rendering Index - CRI: 75
Viewing Angle - 95 degrees (off axis angle from LED centerline where the luminous intensity is 1/2 of the peak value)
Total Included Angle - 125 degrees (the total angle that includes 90% of the total luminous flux)
Shape of Lighting Pattern - Circular
WARNING: Do not look directly at light.

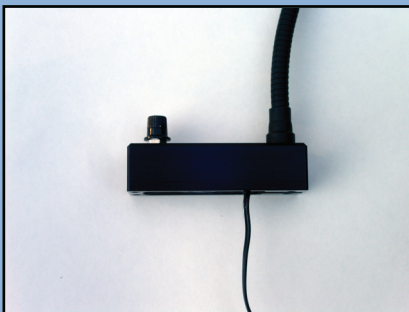
Electrical: Use ONLY provided regulated power supply. The use of any power supply other than those supplied by Solare shall void the warranty.
Input Voltage - 100 VAC to 240 VAC
Input Frequency - 47Hz~63Hz
Power Consumption - 5 watts at full power

Temperature
Rise of Head: 130 degrees F, measured under the following conditions: open air, no breeze, full intensity light, 2 hours.

Dimensions: Length of Gooseneck - 14 inches
Dimensions of Head - 2.5" dia. x 0.75" thick
Dimensions of Base - 3.0" L x 1.0" W x 0.8" H

Mounting: Four points that require 6-32 Machine screws; recommended length = 1/2" + thickness of mounting surface.
Optional two point mounting plate for surface mounting.

Bottom Wire Routing



Dual Wire Routing Capability



Rear Wire Routing

