

PORTABLE LED WORKLIGHTS

Model 100-WL-LED-4K4



APL: 24A160003, NSN: 6220-01-653-1431

Efficient, safe LED illumination for task lighting in the assembly, fabrication, and maintenance of aircraft, fleet vehicles, and other commercial/industrial area lighting. **Quality engineered to resist rust, corrosion, moisture, dust and impact.** The lens is impact-resistant **polycarbonate**. Fiberglass reinforced polyester housing is a compression-molded one-piece construction. High quality LEDs and Driver ensure high reliability and durability while delivering low power consumption.

LEDs contain no mercury and emit no ultraviolet light.
LEDs will not break, unlike conventional lamps, if fixture is dropped.

Specifications

Lens: Vacuum-formed impact resistant **polycarbonate** lens facilitates maximum light control and emission. Smooth exterior allows ease of cleaning. Edge is flanged to fit snugly into the gasketed retention channel for a continuous seal against moisture and dust.

Housing: Rigid one-piece construction, compression-molded fiberglass reinforced polyester (self-extinguishing ASTM D635-74).

Gasket: Continuous poured-in-place gasket completely fills the perimeter channel of the housing and snugly accepts lens flange for maximum seal integrity against moisture and dust. Gasket cannot separate, shift or fall out.

LEDs: **High Quality Lighting Grade White LEDs**
 LEDs are mounted on a 0.125" 5052 H-32 tempered marine-grade aluminum plate.
 5,000K - 7,000K Color temperature.
Net Lumens: 4,400 Power: 42 W Efficacy: 105 Lm/W
Up to 50,000 hours (25°C/77°F) = 6 years of 24/7 LED life
Calculations Based on US Department of Energy Worksheet
DOE TM-21-11, 70%
Warranted for five (5) years.

Driver: **High Quality Drivers**
 Class 2 Power Supply.
 AC Input: 120V

FC **c** **RU** **US**

Complies with FCC rules and regulations, as per Title 47 CFR Part 15 Non-Consumer (Class A) for EMI/RFI (conducted and radiated) at full load.
Warranted for five (5) years by Driver manufacturer.



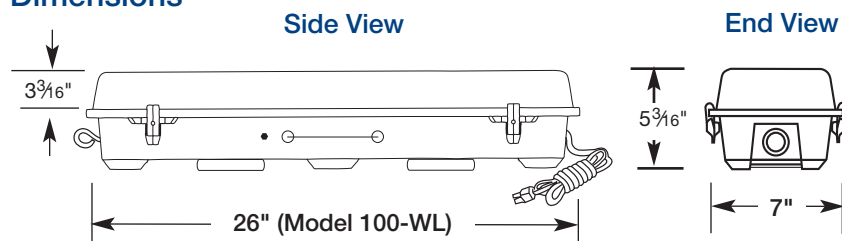
Cord: Six-foot long black cord, 18-3 AWG SJTOW, 3-prong NEMA 5-15 plug. Liquid tight strain relief fitting meets NEMA 6 specifications. Operates on 120VAC.

Hardware and Mounting Systems: Two heavy-duty magnets (pull rated for 90 lbs. each) for beam support and for mounting on the optional cart, and a three-quarter inch center diameter eyebolt for overhead support by safety chain (not included). Water-resistant switch, zinc-plated steel handle with black non-conductive rubber coating.

Latches: Two pairs of stainless steel suitcase style latches that secure a positive seal between housing, gasket and lens. Ideal for marine or other damp location applications.

POLYCARBONATE LENS CARRIES A LIFETIME WARRANTY AGAINST BREAKAGE.

Dimensions



SBA QUALIFIED SMALL BUSINESS MANUFACTURER
TAA COMPLIANT
 TRADE AGREEMENT ACT COMPLIANT

ETL-US and ETL-C (UL 153)

The polycarbonate lens carries a flammability rating of 94HB or better. The self-extinguishing fiberglass housing has the superior SE-O rating.

Specifications Subject to Change Without Notice

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