ROUGH SERVICE LED LUMINAIRE
Model 100-LED-4K4
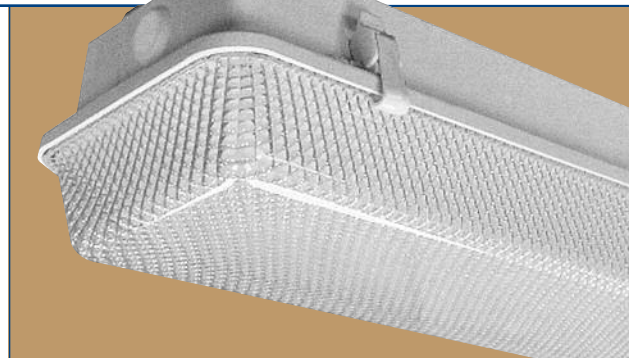### APL: 24A160003, NSN: 6220-01-653-1426

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Energy saving LED linear luminaire combines efficiency and style with reduced operating costs. Operates efficiently at temperatures down to -40ºC (-40ºF) and up to 50ºC (122ºF). **Quality engineered to resist rust, corrosion, moisture, dust and impact.** Non-conductive housing assures more safety to the end user. The impact-resistant **polycarbonate** lens is less prone to damage. The smooth lens exterior allows ease of cleaning while the prism interior provides uniform light diffusion. Applications for this luminaire are stairwells, general areas, classrooms and administrative areas, parking garages, government and civic facilities, car washes, commercial and industrial facilities, marine and public access areas, and freezer and cold storage areas. 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: Compression-molded fiberglass reinforced polyester (self-extinguishing ASTM D635-74). One-piece construction designed to facilitate portability.

Gasket: Continuous poured-in-place gasket 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 mounted on **rustproof** .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 (25ºC/77ºF) = 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 Driver**
Class 2 Power Supply.
120-277 VAC, 60Hz.

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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.
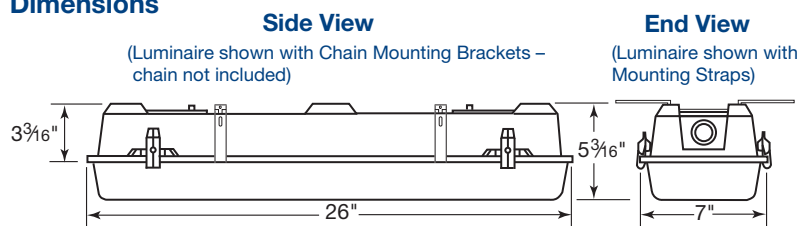**Warranted for five (5) years by Driver manufacturer.**

Hardware: Two corrosion resistant brass 1/4-28x3/8 fixture mounting studs, molded into the housing and integral to the unit. One Chain Mounting Installation Kit (contains two brackets. Chain not included). One Mounting Strap Installation Kit (contains two straps, two 8-32x3/8 18-8 truss head phillips screws and two 8-32 hexagonal serrated flange nuts).

Latches: Standard are two pairs of white injection molded high impact Celçon suitcase style latches that secure a positive seal between housing, gasket and lens.

POLYCARBONATE LENS CARRIES A LIFETIME WARRANTY AGAINST BREAKAGE.

Dimensions

Side View
(Luminaire shown with Chain Mounting Brackets – chain not included)

End View
(Luminaire shown with Mounting Straps)

3 3/16"   26"   5 3/16"   7"

ETL-US and ETL-C Listed (UL1598)
LM-79 and LM-80 Test Data Available
USDA Certified for Food Area Applications.
NSF Certified for Non-Food Zone Applications.

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

Specifications Subject to Change Without Notice.

MADE IN AMERICA
SBA QUALIFIED SMALL BUSINESS MANUFACTURER
TAA COMPLIANT
TRADE AGREEMENT ACT COMPLIANT

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