

LED LINEAR LUMINAIRE

Model 200-LED-8K8

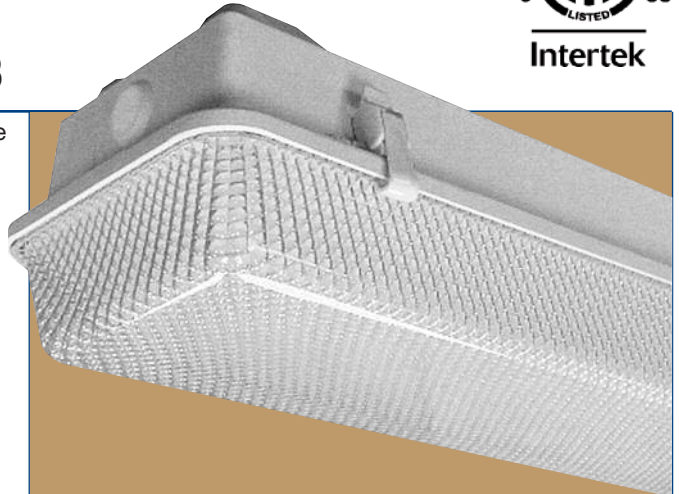


APL: 24A160003, NSN: 6220-01-652-9758

Designed for ambient and freezer applications where efficiency and style are as important as endurance, dependability and reduced operating costs. Impact resistant **polycarbonate** lens is less prone to damage. The non-conductive housing assures more safety to the end user; and its special U-shaped channel with non-shifting, poured-in-place gasket allows the flanged lens to fit snugly for a continuous seal. **Quality engineered to resist rust, corrosion, moisture, dust and impact.** In conjunction with an occupancy sensor, the luminaire can further improve operating costs. Ideal for use in ambient temperatures and in freezer applications to -40°C. 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 do 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 into the gasketed retention channel of the housing for a continuous seal against moisture and dust.

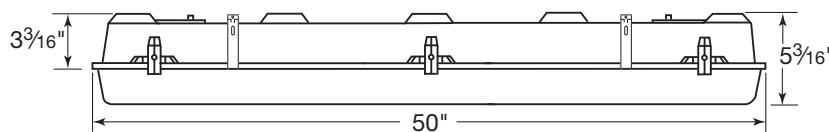
Housing: Compression-molded fiberglass reinforced polyester (self-extinguishing ASTM D635-74). U-shaped channel allows flanged lens to fit snugly. One-piece construction designed to facilitate portability.

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

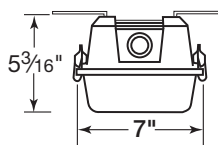
LEDs: **High Quality Lighting Grade White LEDs**
LEDs mounted on a **rustproof .125" 5052 H-32 tempered marine-grade aluminum plate.**
5,000K - 7,000K Color temperature.
Net Lumens: 8,800 Power: 92 W Efficacy: 96 Lm/W
Up to 50,000 hours (25°C/77°F) = 6 years of 24/7 LED life
Calculations Based on Department of Energy Worksheet DOE TM-21-11, 70%
Warranted for five (5) years.

Dimensions

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



End View (Luminaire shown with Mounting Straps)



ETL-US and ETL-C Listed (UL 1598)
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 SE-O rating.

Specifications Subject to Change Without Notice

Driver: **High Quality Drivers**
Class 2 Power Supply.
AC Input: 120V—277V 50/60Hz



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: Three 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 three brackets. Chain not included). One Mounting Strap Installation Kit (contains three straps, three 8-32x3/8 18-8 truss head phillips screws and three 8-32 hexagonal serrated flange nuts).

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

POLYCARBONATE LENS CARRIES A LIFETIME WARRANTY AGAINST BREAKAGE.



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