

FEM LED

Enclosed-and-Gasketed Linear Luminaire

General Purpose Vapor-tight, with Attitude

Defies dirt, despises dust and mocks moisture!

Specially designed for wet, damp and cold storage locations, the vapor-tight FEM LED luminaire from Lithonia Lighting® withstands rugged environments and is available in 4-foot (L48) and 8-foot (L96) lengths. With its sleek appearance, low profile, and numerous options; it is ideal for parking garages, industrial facilities, retail stores, garden centers, food service, and airports. Its versatility and powerful performance give it just the right amount of attitude while also being suitable for your demanding applications.

Quality Construction

A one-piece, seamless fiberglass housing won't corrode, rust, or crack, delivering years of reliable service and protection against the elements. A continuous, non-porous gasket keeps the luminaire free from dust, dirt and other unwanted contaminants. The frosted acrylic lens is secured to the housing by durable polycarbonate latches (standard). Stainless steel latches and other lens options are also available.

Easy Installation

The fixture can be surface mounted to a ceiling, or suspended using cable, chain, or rod with the included stainless steel mounting brackets. The brackets are pre-punched for easy field-attachment of bolts, screws, and other mounting hardware. *See the spec sheet for additional mounting options.*



Flexible Solution:

- Medium or wide distribution
- 3,000 to 20,000 Lumen packages with up to 150LPW
- 3000K, 3500K, 4000K & 5000K CCT
- 80 or 90 CRI
- -40°F (-40°C) to 113°F (45°C)
- IP65, IP66, IP67 and NSF Splash Zone 2
- Use common tools for easy serviceability access
- Options: Emergency battery backup; generator transfer device; Acuity Controls for occupancy, daylight harvesting, XPoint™ wireless networking; and more

Learn more about the FEM LED at www.lithonia.com

Linear Enclosed & Gasketed Portfolio

Renowned for providing the Best Value in Lighting®, Lithonia Lighting® provides the most complete portfolio of enclosed-and-gasketed luminaires in the market meeting stringent environmental and illumination requirements.

Linear	XVML LED	DMW2 LED	FEM LED	VAP LED	FHE LED
	Wet Location / Vapor Tight	Wet Location / Vapor Tight	General-Purpose/ Vapor Tight	Architectural Vandal-Resistant	Food Processing / Cold Storage
					
Purpose	Cost-efficient, wet-location strip light designed specifically for demanding environments where moisture and dirt are a concern. Use where value and low cost are needed.	Lightweight multi-purpose luminaire. Use at lower mounting heights and ambient temperatures up to 104°F (40°C). Two-piece, snap-together design for simple one-person installation. Replaces 2-lamp T8 4-ft fluorescent fixtures.	Feature-rich, general purpose fixture suitable for most demanding applications. This is the workhorse of the wet location, vapor-tight line-up because of its available fixture sizes, broad range of lumen packages and numerous control options.	Lightweight polycarbonate fixture that bridges the gap between vandal- and impact-resistant products, refined appearance, performance and controllability. Use when durability and aesthetics are a must.	Built to withstand the rigors of demanding environments. Specify in food processing, cold storage or applications with frequent washing or cleaning and higher mounting heights.
Lumens	3500 Lumens and 5000 Lumens	2,000 - 4,000 Lumens	3,000 - 20,000 Lumens	4,000 - 12,000 Lumens	9,000 - 24,000 Lumens
Distribution Coverage	Medium	Medium and Wide	Medium and Wide	Medium and Wide	Narrow and Medium
Available Sizes	3500LM (47.8" x 3.25" x 2.875"); 5000LM (47.8" x 4.5" x 3")	2 ft linear (24.1" x 5.9" x 3.75")	4 ft (52" x 7" x4.2") and 8 ft (100.25" x 7" x 6.125") linear	4 ft linear (54.75" x 8.25" x 4.125")	4 ft linear (52" x 14.625" x 6")
Weight	3500LM is 4.4 lbs (2.0kg) and 5000LM is 6.1 lbs (2.8 kg)	6-8 lbs (2.7 kg - 3.6 kg)	4ft (L48): 11.9 lbs (5.4 kg) 8ft (L96): 24.3 lbs (11.0 kg)	13.5 lbs (5.9 kg)	36 lbs (16.3 kg)
Housing/Construction	Polycarbonate	Fiberglass	Fiberglass	Polycarbonate	Fiberglass
Vandal Resistant	No	No	No	Yes	No
Wet-Location Ready	Yes	Yes	Yes	Yes	Yes
IP Ratings	IP65, IP66	IP65, IP66, NEMA 4X, 1500 PSI hose-down	IP65, IP66, IP67, NEMA 4X, 1500 PSI hose-down	IP65, IP66	IP65, IP66, IP67, NEMA 4X, 1500 PSI hose-down
NSF	No	Yes, Splash Zone 2	Yes, Splash Zone 2	Yes, Splash Zone 2	Yes, Splash Zone 2
Certifications/Ratings i.e. DLC, CSA, etc.	DLC, UL	DLC, CSA	DLC, CSA	DLC, CSA	DLC, CSA
Ambient Temperature Range	-4°F (-20°C) to 104°F (40°C)	-4°F (-20°C) to 104°F (40°C); 4000LM -40°F (-40°C) to 104°F (40°C)	-40°F (-40°C) to 113°F (45°C)	-4°F (-20°C) to 104°F (40°C)	-40°F (-40°C) to 104°F (40°C)
CCT	4000K, 5000K	3000K, 3500K, 4000K, 5000K	3000K, 3500K, 4000K, 5000K	3000K, 3500K, 4000K, 5000K	3000K, 3500K, 4000K, 5000K
CRI	80 CRI	80 CRI, 90 CRI	80 CRI, 90 CRI	80 CRI, 90 CRI	70 CRI, 80 CRI, 90 CRI
Emergency Backup	No	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)
Acuity Controls	No	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)
Application	Outdoor venues, canopies, locker rooms, passageways, under eaves, covered patios, open bays	Transit stations, food processing plants, awnings, canopies, loading docks, car washes, stairwells, parking garages	Parking garages, industrial facilities, retail malls, multi-purpose centers, garden centers, airports	Mass transit, under-canopy, schools, hospitality, residential, exterior retail, warehouse	Food and beverage processing, cold storage, natatoriums, garden centers, parking garages

Lithonia Lighting® is a member of the Acuity Brands portfolio of lighting, controls and daylighting solutions. Lithonia Lighting offers one of the industry's broadest lighting portfolios for commercial and industrial lighting applications. This includes high bays, rough service, strips, wraps, recessed, surface, RELIGHT and retrofit kits. Our LED, fluorescent and HID lighting are recognized for their quality, reliability and solid performance, making Lithonia Lighting the most specified brand in the lighting industry.

Visit www.lithonia.com for more information.

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