

EXPLED | Explosionproof linear LED lighting

Key Features

- Two permanent safety cable attachment points
- Field replaceable LED circuit boards and drivers with quick disconnects
- Convenient wiring access through screw-cap covers
- Self-contained emergency battery back-up (optional)
- Oversized, finned driver housing for greater heat dissipation
- Factory Sealed

Additional Features

- Three mounting positions 45°/90°/45°, mounting bracket included
- Shock mount and beam clamp mounting options
- 2-, 3- or 4-tube versions available
- Dimming and outboard options
- 2.5kV surge protection
- 5-year warranty

Standard Materials

Body: A361 aluminum (less than .4% copper content)

Reflector: 6063T5 aluminum (less than .4% copper content) with baked-on white epoxy finish

Lens: Borosilicate glass

Hardware: Stainless Steel



Classifications

- Class I, Division 1, Groups C & D
- Class I, Division 2, Groups C & D
- Class II, Division 1 & 2, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA and IIB
- Class I, Zone 2, Groups IIA, IIB and IIC
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- Simultaneous Presence
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- NEMA 4X, 7CD & 9EFG
- CUL
- IP66
- UL 8750 LED Safety
- Paint Spray Booth
- Emergency Battery Backup
- 55°C Ambient Temperature
- Tested to LM 79 & LM 80
- DLC Listed

Certification Guide

Model	Length	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 1, Group C & D	Class II, Div. 1, Group E, F, G Class III	Simul Presence	Paint Spray Booth	SupplyWire Suitable Temperature, °C	Hub Size	Shipping Weight (lbs)
EXP30L22LU	2 ft	30W	120V -277V 50/60 Hz	2783	105	84	3965	-20°C < Tamb < 55°C	T6	T4A	T4A	Yes	75°C	1/2 in. NPT	40
EXP40L23LU	2 ft	40W		4110	103	84	4100	-20°C < Tamb < 55°C	T6	T5	T5	Yes	75°C	3/4 in. NPT	47
EXP50L42LU	4 ft	46W		5450	116	84	4097	-20°C < Tamb < 55°C	T6	T4A	T4A	Yes	75°C	1/2 in. NPT	65
EXP75L43LU	4 ft	73W		8220	112	84	4122	-20°C < Tamb < 55°C	T6	T5	T5	Yes	75°C	3/4 in. NPT	78
EXP100L44LU	4 ft	93W		10918	117	84	4153	-20°C < Tamb < 55°C	T6	T4A	T4A	Yes	75°C	3/4 in. NPT	78

EXP - 75L - 4 - 3L - U - XX



1

BASIC LUMINAIRE
EXP LED

2

LAMP CURRENT/LAMP
WATTAGE

30L = 30 Watt LED (2 ft. 2 tube)³

40L = 40 Watt LED (2 ft. 3 tube)⁴

50L = 46 Watt LED (4 ft. 2 tube)

75L = 73 Watt LED (4 ft. 3 tube)

100L = 93 Watt LED (4 ft. 4 tube)

3

NOMINAL FIXTURE LENGTH

2 = 2 Foot

4 = 4 Foot

4

NUMBER OF LAMPS

2L = 2 Tubes

3L = 3 Tubes

4L = 4 Tubes

5

VOLTAGE/FREQUENCY

U = 120 thru 277V 50/60 HZ

6

OPTIONS¹

EM = Emergency Battery Backup

EMO = Emergency Operation Only⁵

D = Dimmable (0-10Volt)

F = Inline Fuse (External)²

OB = Out Board Option

30 = 3000K (CCT)

50 = 5000K (CCT)

1 Consult factory for pricing.

2 Fuse option not available for marine listed fixtures.

3 2 ft. two tube fixtures available with EMO option only.

4 EM or EMO option not available with 2 ft. 3 tube fixture

5 EMO option available for 2 ft. 2 tube fixture

Part numbering logic is for explaining part number structure only. Not all combinations are possible; consult factory for catalog numbers not listed on chart.