EAG-EX

Explosion Proof: Linear Light

The EAG-EX series LED luminaire is the ideal choice for marine and hazardous applications where a linear design is required. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected. Made with copper-free aluminum housing, great corrosion resistance and cooling performance. Great impact resistance with IK08/IK10 certified, compact and robust structure with excellent reliability. Optical construction utilizes flat or convex lens. Side Opening Cover models allow for plug or cable entry. 3/4-in NPT and 1/2-in NPT included.

Applications:

- Petroleum industry
- Paint manufacture
- Pumping stations
- Metal smelting
- Ocean platform
- Mining
- Aerospace
- Chemical plant
- Military space
- Food and distilling production
- Electrical power stations

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EAG-EX-XXXX Specification

Certifications: UL Listing. US-Canada.
UL1598—LED Luminaire Certification
UL1598A Marine Outside Type
UL924—Emergency Lighting Equipment
UL844—Hazardous Location Certification—
Class I Division 2 Groups ABCD, Class II Division 2 Groups FG, Class III
Class I Zone 2 Group IIC, Class II Zone 21 Group IIIC
T3 Temperature ratings
IK08 Impact Rating with glass cover, IK10 Impact Rating with wire guard
IP66/67 Ingress Rating, 1000-hr Salt Spray Rated
DLC Listed

Colour Rendering Index: Ra > 70

Colour Temperature (CCT): 2700K, 4000K, 5000K, 6000K, 7000K

Standard Operating Temperature: -40°C to +60°C (T3 Temp Code)

Electrical: Input: 120-277 Vac, 50/60 Hz, Power Factor: >0.95,
THD: < 20%, Surge: 4 kV

Construction: Copper-free aluminum with stainless steel hardware. Optical construction utilizes flat or convex lens. Side Opening Cover models allow for plug or cable entry. 3/4-in NPT and 1/2-in NPT included.

LED: High-efficiency surface mount LED technology. 140lm/W delivered lumen efficiency.

Lens & Optics: Flat glass or convex polycarbonate lens cover (clear or diffuse available)
Standard 120° FHWM beam optics

Installation: Wall, Ceiling, Suspension, Pendant or Pole mount

Feature: 0-10V Dimming. Emergency Battery Backup Option.

Reported TM-21-11 LED Lumen Maintenance:
L70 (70% light output) > 72,000 hours

Warranty: 5 years for Fixture, 3 years for Battery Backup

MODEL	DIMENSION W/ BRACKET (LxWxH)	FIXTURE MASS (WEIGHT)	POWER	LIGHT OUTPUT
EAG-EX-0020-X-X-X-X-X-X-20	60x11.9x31.3 cm	5.5 kg (9.92 lb)	20 W	2,800 lm
EAG-EX-0040-X-X-X-X-X-X-20	60x11.9x31.3 cm	5.5 kg (9.92 lb)	40 W	5,600 lm
EAG-EX-0040-X-X-X-X-X-X-40	120x11.9x31.3 cm	6 kg (13.23 lb)	40W	5,600 lm
EAG-EX-0060-X-X-X-X-X-X-40	120x11.9x31.3 cm	6 kg (13.23 lb)	60 W	8,400 lm
EAG-EX-0080-X-X-X-X-X-X-40	120x11.9x31.3 cm	6 kg (13.23 lb)	80 W	11,200 lm

Ordering Code (e.g., EAG-EX-0040-277-5K0-70-120-SF-CL-40)

SERIES	POWER	VOLTAGE	CCT	CRI	BEAM ANGLE	INSTALL METHOD	DIFFUSER	LOCATION TYPE	ACCESSORIES
EAG-EX	**0040**	**277**	**5K0**	**70**	**120**	**SF**	**CL**	**40**	**-**
EAG-EX	0020 (22W)	277 (120-277 V AC)	2K7 (2700K)	70	120 (Standard)	SF (Ceiling/Wall Mount Bracket)	CL (Clear)	20 (L = 60cm)	EM (EM Backup)
	0030 (30W)		4K0 (4000K)			SP (Suspension Cable)	FR (Diffuse)	40 (L = 120 cm)	- (None)
	0040 (40W)		5K0 (5000K)			PD (Pendant Mount)	GL (Flat Glass)		
	0050 (50W)		6K0 (6000K)			PL (Pole Mount)			
	0060 (60W)		7K0 (7000K)						

LUMINGEN TECHNOLOGIES