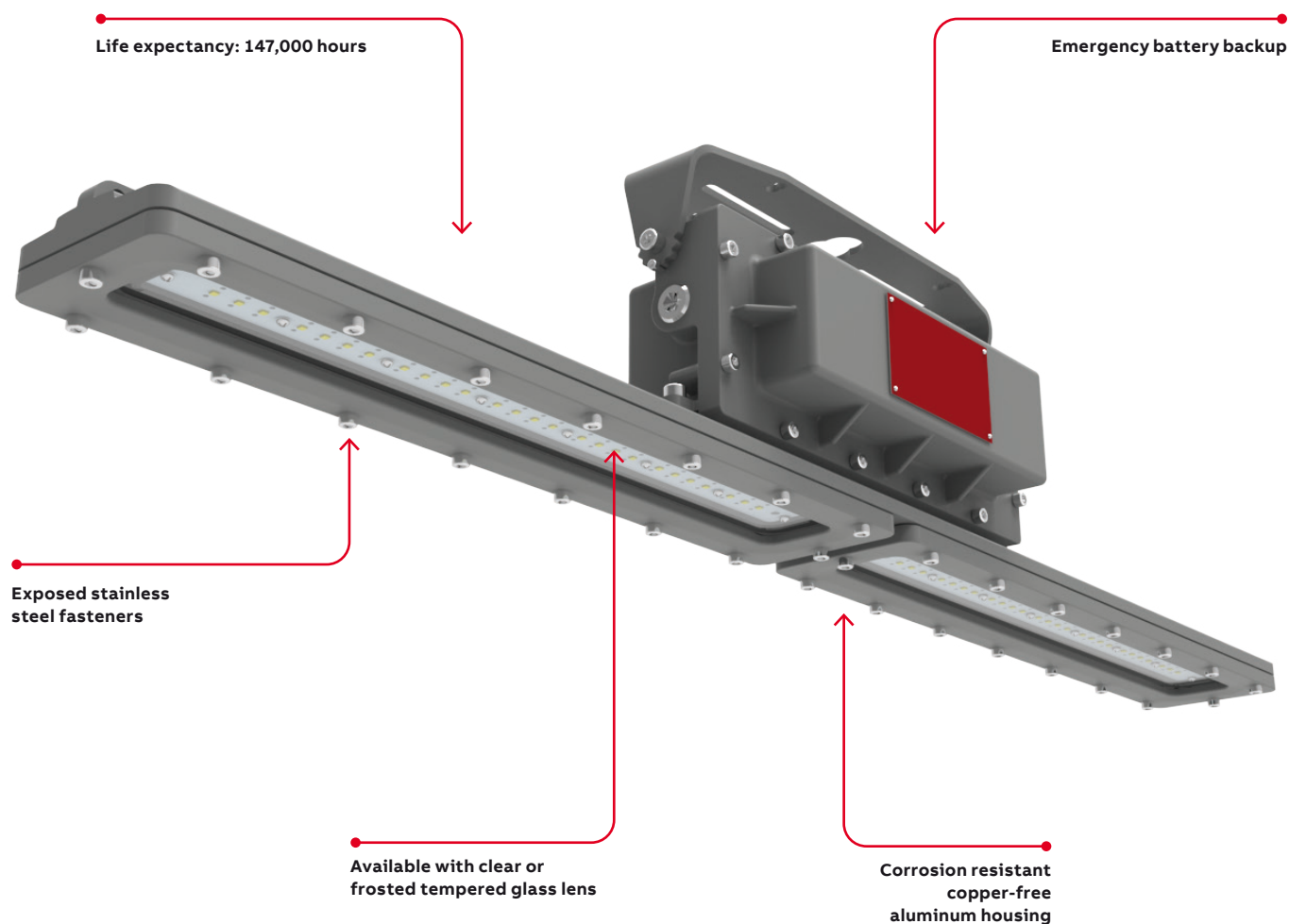# XLN17-EM Series

Versatile, shock-resistant, and explosion-proof lighting with a slim design, the XLN17-EM Series can be mounted on a wall, ceiling, and pole in various hazardous locations, ranging from mines to petrochemical facilities.

Life expectancy: 147,000 hours

Emergency battery backup

Exposed stainless steel fasteners

Available with clear or frosted tempered glass lens

Corrosion resistant copper-free aluminum housing

CERTIFICATION	APPROVALS	APPLICATIONS

CLASS I

Division 1	Group C, D

Classification may vary depending on the product configuration. Please follow catalogue information and exceptions.

UL LISTED · CSA · IP66

Mining

Paper mills

Chemical/industrial facilities

Wastewater treatment plants

Petrochemical facilities

—
XLN17-EM Series
Key features and information

Features
- Operating temperature: -4°F to 113°F (-20°C +45°C) optimal 77°F (25°C)
- Exposed hardware made of stainless steel
- Slim and compact design
- Emergency run time: 90 minutes

Housing
- Housing made of copper-free aluminum
- Tempered glass lens is impact and thermal shock resistant

LED
- Efficacy: up to 136 Lm/W
- Lumen output: 10,800 lumens
- OSRAM LED's
- CRI Ra>70
- Correlated Color Temperature (CCT): 5000K (standard)

Electrical
- Operating voltage: 120-277 VAC (50/60Hz)
- Power factor 0.95
- Driver efficiency 90%
- THD <20%
- Surge protection standard up to 10KV (Contact your sales representative if high protection is required.)

Mounting
- Pendant mount
- Optional yoke/pipe bracket for wall/ceiling or pole mount
- Chain mount ("Chain" supplied by others)

Approvals
- UL 844
- UL924
- CSA C22.2 No. 141-15
- CSA C22.2 No. 137
- CSA C22.2 No. 30
- CSA C22.2 No.250.0
- CSA C22.2 No.250.13
- IP66
- 5G (shock and vibration resistant)
- 1000hrs salt spray

Warranty
- 5 years

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T-code chart

Fixture	80 watt
C1D1	T6

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Electrical specifications

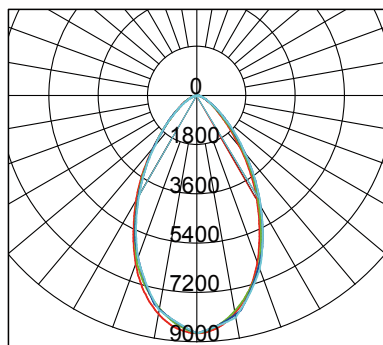| Specification	XLN17-EM-8 (battery backup)
Rated power	80W (6W)
Input voltage	120-277V only (50/60Hz)
Battery	Nickel-cadmium
Expected battery life	5 years
Charge time	24 hours
Emergency run time	90 min.
Input current (standard mode)	0.67/0.29A (AC120/277V)

—
Lighting output

Fixture	80 watt
Lumen output - normal mode	10,800
Lumen output - emergency mode	812
Lumen per watt - normal mode	136

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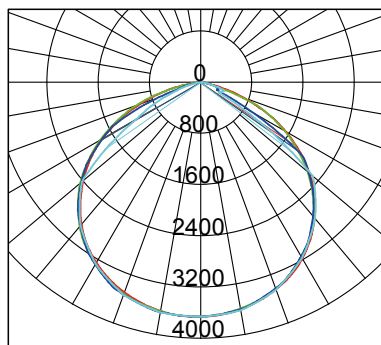
XLN17-EM Series
Photometry

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60 degree

— C0/180,60.8
— C30/210,60.8
— C60/240,61.3
— C90/270.61.0

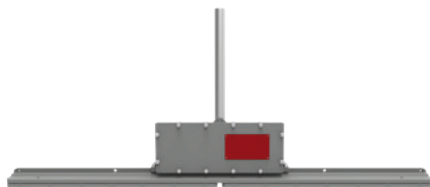**BUG rating: B3-U0-G2**

110 degree

— C0/180,115.0
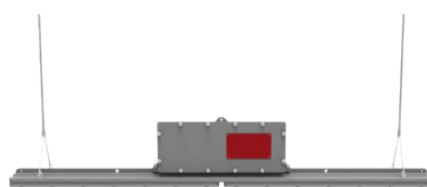— C30/210,115.0
— C60/240,114.0
— C90/270,107.0

BUG rating: B3-U0-G2

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Mounting and optional accessories

Pendant mount (included standard)
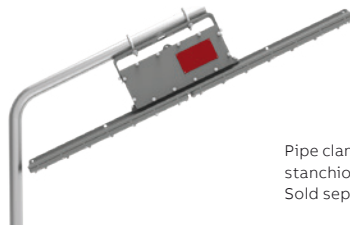

Chain mount (compatible)

Chain supplied by others.

Ceiling & wall mount (optional accessory)

Stanchion mount (optional accessory)

Pipe clamp and yoke/pipe bracket required for stanchion installation.
Sold separately.

Accessories

PC01-EX - Pipe clamp (1 pair)
Pipe clamp (M8*48mm) for
pole Ø 1-7/8" (48mm)

PC02-EX - Pipe clamp (1 pair)
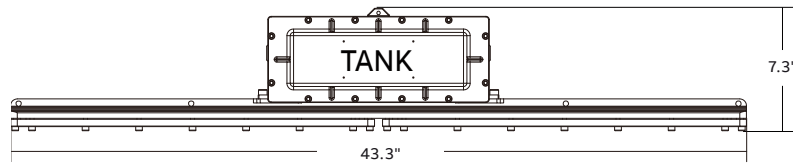Pipe clamp (M8*60mm) for
pole Ø 2-3/8" (60mm)

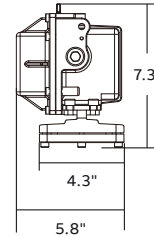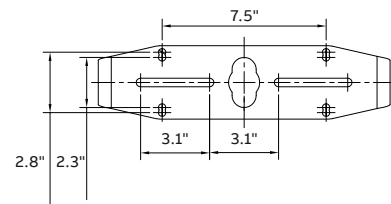**UB02-EX** - Yoke/pipe bracket
(SUS 304) stainless steel

SC04-EX - Stainless steel
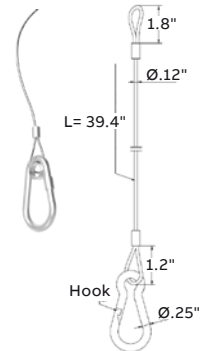safety cable kit

XLN17-EM Series
Dimensions[1]

TANK

7.3"

43.3"

Bracket dimensions

7.5"

3.1" 3.1"

2.8" 2.3"

SC04-EX - Stainless steel safety cable kit

7.3"

4.3"

5.8"

1.8"

Ø.12"

L= 39.4"

1.2"

Hook

Ø.25"

Model	Weight	Dimensions (L x W x H)
XLN17-EM-8	12.2kg/26.9lbs	43.3 x 5.8 x 7.3 in

[1]Dimensions are approximate and subject to change.

Numbering system

Lighting fixture

1	2	3	4	5	6	7	8	9
XLN17	8	1	K5	N	TG	P	G	EM
Series	Wattage/lumens	Voltage	Color temp	Optics	Lens	Mounting	Color	Emergency

Ordering information

Part	Part number	Description
1 Series	XLN17	Linear light LED
2 Wattage/lumens	8	80W (10,800 lm)
3 Voltage	1	120-277V
4 Color temp	K5	5000K
5 Optics	N	60°[1]
	W	110° (standard)
6 Lens	TG	Clear glass
	FG	Frosted glass[1]
7 Mounting	P	NPT 3/4 pendant mount
	U	NPT 3/4 pendant mount + yoke bracket
8 Color	G	Gray
9 Emergency	EM	Emergency 90 minutes

[1]Longer lead time, contact your sales representative for more details

Accessories (sold separately)

PC01-EX	Pipe clamp (1 pair)	Pipe clamp (M8*48mm) for pole Ø 1-7/8" (48mm)
PC02-EX	Pipe clamp (1 pair)	Pipe clamp (M8*60mm) for pole Ø 2-3/8" (60mm)
SC04-EX	Stainless steel safety cable kit	
UB02-EX	Yoke/pipe bracket (SUS 304) stainless steel	