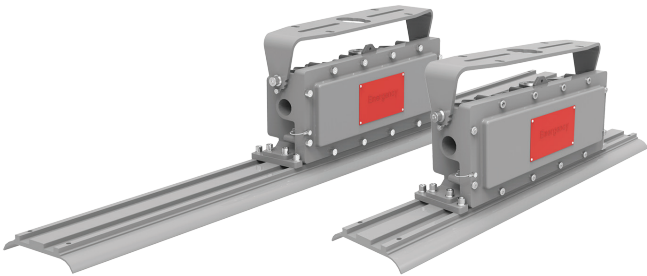


LINEAR EMERGENCY SERIES

LED Lighting for Hazardous Areas

RED SKY
SERIOUSLY SAFE LIGHTS™



DATE		
PART #		
PROJECT		
LOCATION		
QTY		

FEATURES

- Best-in-class system efficacy up to 150 Lm/W
- Charge time 24h, emergency run time 90 mins, rated load 12W in emergency mode
- Wide ambient temp.range from 0°C to +50°C, (32°F ~ +122°F)
- Safe and reliable heat transfer - offers a T-rating of T4(CID2)/T6(CIID1)
- Instant on/off operation
- Shock-and vibration-resistant - durable LEDs with solder-less board connection
- Slim and compact design

CERTIFICATIONS

- UL 844
- CSA C22.2 No. 137-18
- CSA C22.2 No. 25-17
- UL 924
- CSA C22.2 No. 141-15
- FCC Part 15, Subpart B

RATINGS

- Class I, Division 2, Groups A, B, C and D;
- Class II, Division 1, Groups E, F and G
- Class II Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC
- Zone 21, Group IIIC
- IP66
- IK08 (PC)
- Salt Spray 720 hrs (ASTM B117)

TECHNICAL PARAMETERS

Specification	LNR-EM-40	LNR-EM-80
Electrical Parameters		
Power	40W	80W
Rated Input Current (120V AC)	0.371A	0.41A
Rated Input Current (277V AC)	0.161A	0.321A
Voltage/Frequency	120-277V AC 50/60Hz	
Power Factor	≥0.90	
THD	<20%	
L70	120,000 hrs@122°F	
Surge Protection	10KV	
Supply Wire	12-18AWG, Rated 90°C	
Warranty	LEDs:10 Years, Driver:7 Years, Battery:3 Years	
Optical Parameters		
Lumen Output*	5,857Lm	12,291Lm
Lumen Efficacy*	150Lm/w	
Available Beam Angle	110°	
CCT	4000K/5000K	
Color Rendering Index (CRI)	80 CRI	
Mechanical Parameters		
Housing Material	Marine Grade Aluminium	
Hardware	Stainless Steel 316	
Lens Material	Polycarbonate	
Mounting Options	Pendant, Yoke, Chain, Pole	
Product Weight	16.5lbs/7.5kg	18.3lbs/8.3kg
Package Weight	18.6lbs/8.6kg	20.4lbs/9.4kg
Cable Entry	(3) 3/4" NPT	
Product Dimensions(LxWxH)	23.6×5.0×6.8in(600×127×173 mm)	47.2×5.0×6.8in(1200×127×173 mm)
Environmental Parameters		
Ambient Operating Temperature	32°F~+122°F(0°C~+50°C)	
T-Code Rating	CID2-T4 / CIID1-T6	
Ambient Operating Humidity	10%~90% RH	
EPA wind rating (FT2)	1.463/0.140	1.972/0.180

* Value calculated based on 5000K, 80 CRI and Clear PC ,varies to different spec.
70 CRI & 90 CRI optional, DLC available with 70 CRI only.

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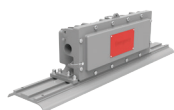
ORDERING INFORMATION

LNR2	40	100-277	5K	H2	CG	GRY	PND	EM	
PRODUCT SERIES	WATTAGE	VOLTAGE	CCT	RATING	LENS	COLOR	MOUNTING	BATTERY	CRI
LNR	40 - 40W 80 - 80W	120 - 277 - 120-277V AC	4K - 4000K 5K - 5000K	H2 - C1D2 / C2D1 / C3	CG - Clear Glass DP - Diffused Poly- carbonate	GRY - Grey	PND - Pendant YKE - Yoke**	EM - Emergency	BLANK - 80 CRI Standard CRI70 - 70 CRI CRI90 - 90 CRI*

* CRI 90 option - expect longer lead time.

** LNR-YOKE Pre-installed as standard.

MOUNTING OPTIONS



PENDANT



YOKE



CHAIN



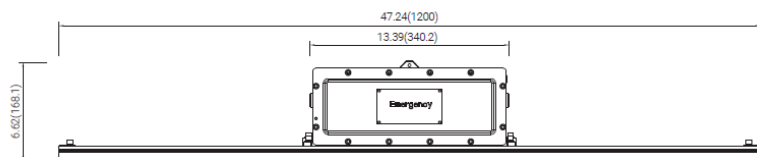
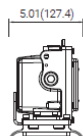
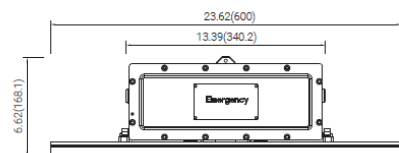
POLE

MOUNTING ACCESSORIES

MOUNTING METHOD	PART #	DESCRIPTION	MPN CODE
YOKE	LNR-YOKE	Yoke Mount, SUS304, Powder-Coated Grey RAL 7037	210010009
CHAIN	CHAIN01	Chain Hang Kit, SUS304	210100110
POLE	CLAMP01	Pipe Clamp Kit for Round Pole 1-7/8 inch OD (48 mm), SUS304	210010011
	CLAMP02	Pipe Clamp Kit for Round Pole 2-3/8 inch OD (60 mm), SUS304	210010010
	SFCB03	Safety Cable Kit, SS304	210010012

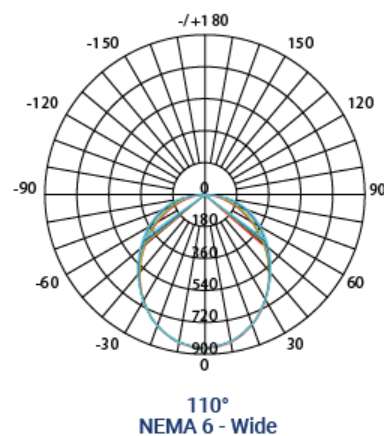
DIMENSIONS

unit: in(mm)



Pendant

PHOTOMETRICS



RESOURCES



SCAN FOR LATEST
PRODUCT INFORMATION

[LINK TO FULL SPECIFICATION](#)