

LINEAR TUFF 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 140Lm/W
- Charge time 24h, Discharge time 1.5h
- Instant on/off operation
- Wide ambient temp. range from - 20°C to +45 °C (-4°F ~ +113°F)
- Safe and reliable heat transfer - offers a T-rating of T6 (C1D1)
- Shock-and vibration-resistant - Durable LEDs with solder-less board connection
- All exposed fasteners with quality 316 stainless steel
- Thermal shock and impact resistant tempered glass
- Slim and compact design

CERTIFICATIONS

- UL 844
- CSA C22.2 No. 137
- CSA C22.2 No. 30
- UL 924
- CSA C22.2 No. 141-15
- FCC Part 15, Subpart B

RATINGS

- Class I, Division 1, Groups C and D
- Class I, Zone 1, Group IIB
- IP66
- IK07
- Salt Spray 720 hrs (ASTM B117)

TECHNICAL PARAMETERS

Specification	LNT-EM
Electrical Parameters	
Power	80W
Rated Input Current (120V AC)	0.741A
Rated Input Current (277V AC)	0.321A
Voltage/Frequency	120-277V AC 50/60Hz
Power Factor	≥0.90
THD	<20%
L70	480,000 hrs@113°F
Dimming	0-10V,Range 10-100%
Surge Protection	10KV
Charge Time	24 hours
Emergency Run Time	90 minutes
Supply Wire	12-18AWG, Rated 90°C
Battery	Nickel-Cadmium
Warranty	LEDs:10 Years, Driver:7 Years, Battery:5 Years
Optical Parameters	
Lumen Output*	11,140Lm
Lumen Output (EM)*	869Lm
Lumen Efficacy*	140Lm/w
Available Beam Angle	60° / 110° / T2
CCT	3000K/4000K/5000K
Color Rendering Index (CRI)	80 CRI
Mechanical Parameters	
Housing Material	Marine Grade Aluminium
Hardware	Stainless Steel 316
Lens Material	Tempered Glass
Mounting Options	Pendant,Yoke, Chain, Pole
Product Weight	26.9lbs/12.2kg
Package Weight	29lbs/13.3kg
Cable Entry	(3) 3/4" NPT
Product Dimensions(LxWxH)	
Environmental Parameters	
Ambient Operating Temperature	-4°F~+113°F(-20°C~+45°C)
T-Code Rating	C1D1-T6
Ambient Operating Humidity	10%~90% RH
EPA wind rating (FT2)	2.616/0.243

* Value calculated based on 5000K and Clear glass ,varies to different spec.
70 CRI optional, DLC available with 70 CRI only, none 90 CRI.

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ORDERING INFORMATION

LNR2	80	120-277	5K	110	H1	CG	GRY	PND	EM	
PRODUCT SERIES	WATTAGE	VOLTAGE	CCT	BEAM	RATING	LENS	COLOR	MOUNTING	BATTERY	CRI
LNT	80 - 80W	120 - 277 - 120-277V AC	3K - 4000K 4K - 4000K 5K - 5000K	110 - 110° (NEMA 6 - Wide) 60 - 60° (NEMA 4 - Medium) T2 - Type II	H1 - C1D1	CG - Clear Glass DP - Diffused Polycarbonate	GRY - Grey	PND - Pendant YKE - Yoke*	EM - Emergency	BLANK - 80 CRI Standard CRI70 - 70 CRI

* LNT-YOKE Pre-installed as standard
** Only available with 110°

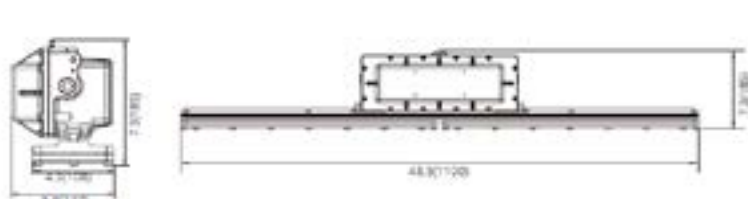
MOUNTING OPTIONS



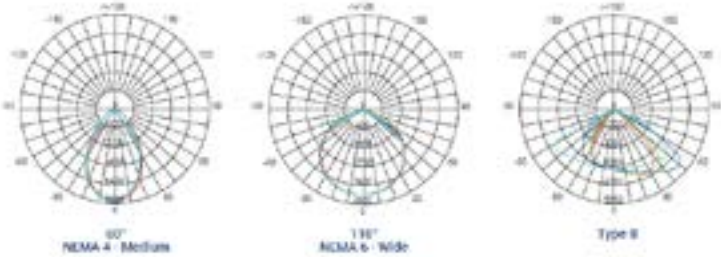
MOUNTING ACCESSORIES

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



PHOTOMETRICS



RESOURCES



SCAN FOR LATEST
PRODUCT INFORMATION

[LINK TO FULL SPECIFICATION](#)