

LineAir™



LED Explosion Proof Light

LineAir™ series Linear unique hinge-design of driver housing LED, features the industry's most versatile and flexible mounting options. The LineAir is the ideal solution for many hazardous, high vibration, and corrosive environments.

Compliance

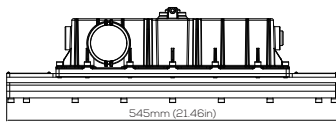
NEC/CEC Standard

- UL 844 Hazardous Locations
 - Class I Division 1, Group C, D
 - Class I Division 2, Group A, B, C, D

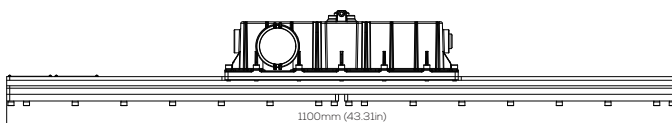
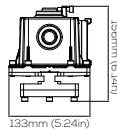
- CSA C22.2 No.137
- CSA C22.2 No.250.0
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type (Salt Water)
- UL 8750 LED Safety
- IP66/67 | IK08 | 5G | NEMA 4X

Dimensions

unit: mm(in)



2ft, 20W / 30W / 40W / 60W



4ft, 40W / 60W / 80W / 100W

Technical Data

Electrical

Rated Power	20W/30W/40W/60W/80W/100W
Input Voltage	100-277, 277-480V/AC
Input Frequency	50/60Hz
Power Factor	> 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	< 200mVP-P

Optical

Lumen Output	3,400lm ~ 17,000lm
Luminous Efficacy (Lumens per Watt)	160-170 lm/W
Beam Angle	110°
Color Temperature	Amber 2700K 3000K 4000K 5000K
CRI	Ra>70

Environmental

Ambient Operating Temperature	-40°C~+65°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

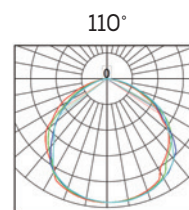
Technical

Lens Material	Tempered Glass
Mounting Options	Pendant / Ceiling / Wall / Pole Stanchion / Hanging
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	6.4kg(2ft) / 9.7kg(4ft)

Warranty

5-year limited system warranty
Lumen Maintenance: L70 > 150,000 hours @ 25°C

Beam Distribution



Ordering Information and Mounting Accessories

LIN	EX	OSM	TG	RV	110	5K	30	S	XXX
Model	Type	Mount Style	Lens	Voltage	Optics	Color Temp		Color	Accessories
	EX (2ft)	PD - Pendant mount (3/4" NPT) FLM - Flush mount OSM - Offset ceiling / wall swivel bracket HM - Hanging mount PCM48 - Pole clamp 48mm for pole Ø 1-7/8" PCM60 - Pole clamp 60mm for pole Ø 2-3/8"	TG - Clear glass FG - Frosted glass	RV - 100-277V HV - 277-480V	110 - 110°	3K - 3000K 4K - 4000K 5K - 5000K AM - Amber	20W - 3,400 lm 30W - 5,100 lm 40W - 6,800 lm 60W - 10,200 lm	S - Silver	SC2 SP20U SP20N CAB CGL
	EXL (4ft)	W90 - Wall mount 90° W25 - Wall mount 25° S90A - Stanchion-90° (1-1/4" NPT) S90B - Stanchion-90° (1-1/2" NPT) S25A - Stanchion-25° (1-1/4" NPT) S25B - Stanchion-25° (1-1/2" NPT)					40W - 6,800 lm 60W - 10,200 lm 80W - 13,600 lm 100W - 17,000 lm		

¹Only available for 60W/80W/100W

Mounting Options

PD Pendant mount 3/4" NPT	FLM Flush mount	OSM Offset ceiling / wall Swivel Bracket	W90 Wall mount 90° 3/4" NPT	W25 Wall mount 25° 3/4" NPT
HM Hanging mount	PCM48 Pole clamp 48mm for pole Ø 1-7/8"	PCM60 Pole clamp 60mm for pole Ø 2-3/8"	S90A Stanchion mount 90° 1-1/4"NPT	S25A Stanchion mount 25° 1-1/4"NPT
			S90B Stanchion mount 90° 1-1/2"NPT	S25B Stanchion mount 25° 1-1/2"NPT

Accessories

FLM Flush ceiling mount kit 1 pair	OSM Offset ceiling / wall swivel bracket 1 pair	PCM48 Pole clamp 48mm 1 pair for pole Ø 1-7/8"	HM Hanging chain stainless steel 1 pair
		PCM60 Pole clamp 60mm 1 pair for pole Ø 2-3/8"	
SC2 Stainless steel safety cabl Ø6 (3mm)	CGL Cable gland 3/4" NPT Suitable for CID2	SP10U 10KV Surge protector (100-277V) *Standard	SP20U 20KV Surge protector (100-277V)
CAB 3' SEOOW-18/3 Cord (Factory installed)		SP10N 10KV Surge protector (277-480V) *Standard	SP20N 20KV Surge protector (277-480V)