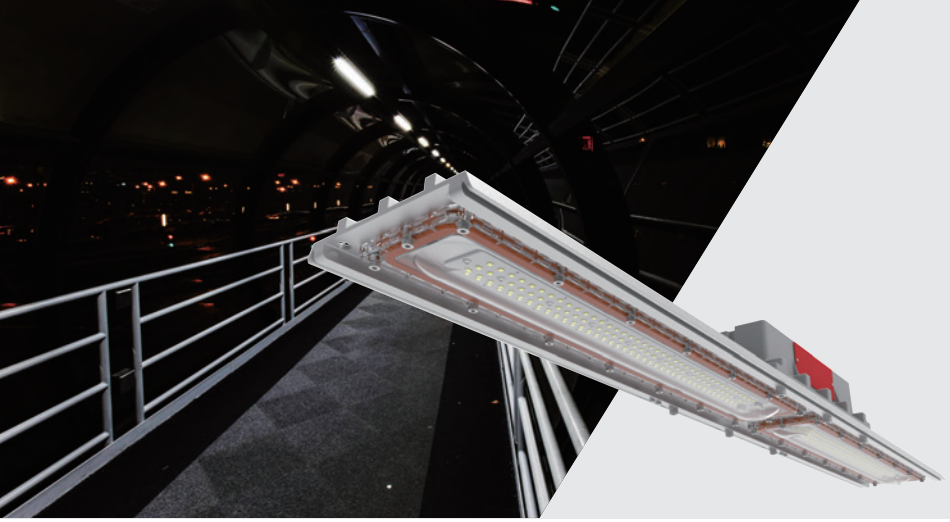


LineAir™

ARCUS

Hazardous Location Lighting

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

Compliance

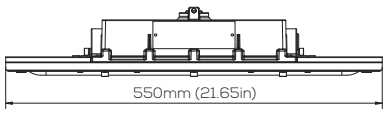
NEC/CEC Standard

UL 844 Hazardous Locations
- Class I Division 2, Groups A, B, C, D
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC
- Zone 21, Zone 22

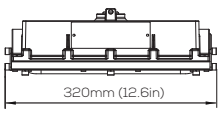
UL 1598 Wet Locations
UL 1598A Marine Outside Type (Salt Water)
UL 8750 LED Safety
CSA C22.2 No.137
CSA C22.2 NO. 250.0:21
IP66/67 , NEMA 4X
IK10
5G

Dimensions

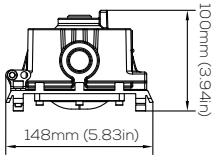
Dimensions in millimeters (mm)(in)

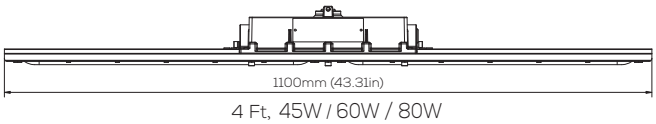


2 Ft, 30W / 40W



1 Ft, 30W

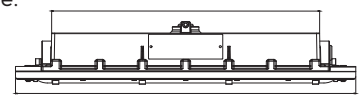




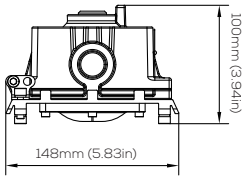
4 Ft, 45W / 60W / 80W

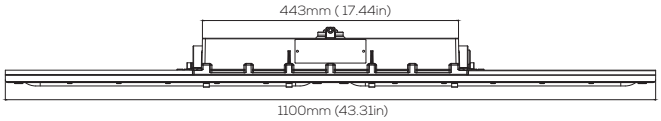
Emergency

90-minute minimum run time in emergency mode.



2 Ft, 30W / 40W





4 Ft, 45W / 60W / 80W

Technical Data

Electric

Rated Power	30W / 40W / 45W / 60W /80W
Input Voltage	AC100-277V / AC347-480V
Input Frequency	50/60Hz
Power Factor	› 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	‹200mVP-P

Optical

Lumen Output	5100lm ~ 13,600lm
Luminous Efficacy (Lumens per Watt)	170Lm/W
Beam Angle	30° / 60° / 90° / 110° / T2 / T3 / T4
Color Temperature	Amber 3000K 4000K 5000K
CRI	Ra›70

Environmental

Ambient Operating Temperature	-40°C ~ +70°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

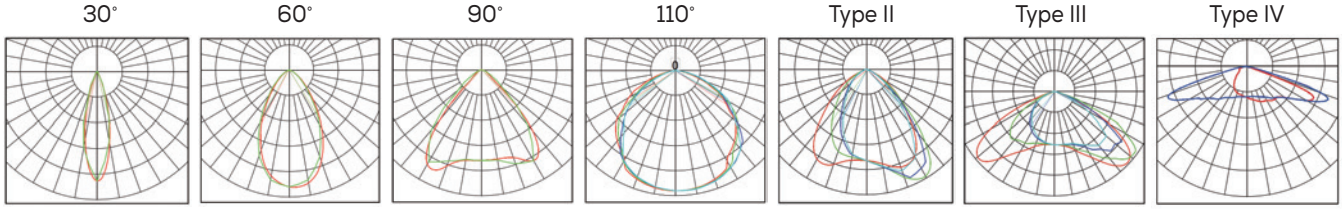
Technical

Lens Material	Polycarbonate
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	3.4kg(2 Ft) / 5kg(4 Ft)

Warranty

5-year limited system warranty
Lumen Maintenance:150,000hours@L70

Beam Distribution



ARCUSLIGHT.COM

(858) 353-1073
SALES@ARCUSLIGHT.COM

PO BOX 3097,
RANCHO SANTA FE, CA 92067

Ordering Information and Mounting Accessories

LIN	HL	SB	TPL	RV	BB	T3	5K	40W	S
Model	Mount Style		Voltage	Battery Backup	Optics		Color Temperature	Wattage	Color
	Type		Lens						

Model

Type
- **HL** 30W, 40W
- **HLL** 45W, 60W, 80W
- **HLS** 30W only

Mount Style
- **PD** – Pendant mount (3/4" NPT)
- **FLM** – Flush mount
- **OSM** – Offset ceiling / wall Swivel Bracket
- **HM** – Hanging Mount
- **PCM48** - Pole clamp 48mm for pole Φ 1-7/8"
- **PCM60** - Pole clamp 60mm for pole Φ 2-3/8"
- **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)

Voltage
- **RV** - 100-277V
- **HV** - 277-480V

Lens
- **TPL** - Transparent PC
- **FPL** - Frosted PC

Battery Backup
- **BB**- 100-277V
- **NN**- 1none

Optics
- **30** - 30°
- **60** - 60°
- **90** - 90°
- **110** - 110°
- **T2** - T2
- **T3** - T3
- **T4** - T4

Color Temperature
- **3K** - 3000K (Soft white)
- **4K** - 4000K (Neutral white)
- **5K** - 5000K (Cool white)
- **AM** - Amber

Wattage
- 30W, 40W
- 45W, 60W, 80W

Color
- **S** - Silver

Accessories
- **SC2** - Stainless steel safety cable
- **SP2R-** 20KV surge protector (100-277V)
- **CAB** - 3' SEOOW-18/3 Cord
- **CGL** - Cable Gland 3/4" NPT

[1] Only available for 60W or 80W



WB25
Wall bracket 25° (wall pack)

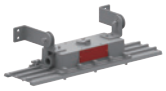
Mounting Options



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 Φ 1-7/8"

PCM60
Pole clamp 60mm
for pole Φ 2-3/8"



S90A
Stanchion mount 90°
1-1/4"NPT

S90B
Stanchion mount 90°
1-1/2"NPT



S25A
Stanchion mount 25°
1-1/4"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 Φ 1-7/8"

PCM60
Pole clamp 60mm 1 pair
for pole Φ 2-3/8"



HC
Hanging chain
Stainless steel
1 pair



SC2
Stainless steel
safety cabl
Φ6 (3mm)



CGL
Cable Gland
3/4" NPT
Suitable for C1D2



SP10U
10KV Surge Protector
(100-277V) *Standard

SP10N
10KV Surge Protector
(347-480V) *Standard



SP20U
20KV Surge Protector
(100-277V)

SP20N
20KV Surge Protector
(347-480V)



CAB
3' SEOOW-18/3 Cord
(Factory installed)

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