



A linear LED fixture rated for damp location and specifically designed for recessed, marine ceiling systems (DAMPA).

Offered in two sizes: 2x1 and 4x1 with parallel (PAR) and perpendicular (PER) configurations and marine-grade mounting brackets for fast and easy installation. Optional two hour emergency battery backup and switchable red or blue LEDs on separate circuit for nighttime operations.

Key Applications

Commercial Fishing Vessels
Tug, Tow and Push Boats
Dredges and Work Barges
Military Service Vessels
Offshore Supply Vessels
Ferries, Passenger and Research Vessels
Super Yachts

Compliances

UL/cUL Listed to:

- UL 1598 Suitable for Damp Locations
- UL 1598A Inside Type (Drip Proof)
- UL 924 Emergency Lighting Equipment

ABS

IP44

FCC Part 15 Class A

Specifications

Construction	Cold rolled steel housing
Finish	Marine-grade powder coat in white
Hardware	Marine grade 316 stainless steel
Light source	2 foot - up to 3200 lumens - 28W (standard), up to 800 lumens - 12W (red) - up to 400 lumens - 14W (blue) 4 foot - up to 5400 lumens - 48W (standard), up to 1300 lumens - 19W (red), up to 700 lumens - 25W (blue), over 10,000 lumens - 96W (HO - high output) CCT - cool white 5000K, neutral white 4000K (standard) Red or blue LEDs option on a separate circuit for nighttime operations

Specifications

Lens	Translucent diffuser (white) Acrylic prismatic (clear)
Driver	AC 120-277V 50/60Hz 1-10V dimmable Field adjustable output, four unique dimming levels
Power factor	> 0.9
THD	< 15%
Ambient operating temperature	-20°C to +40°C (standard) 0°C to +40°C (EMB)
Mounting	Designed for recessed parallel (PAR) or perpendicular (PER) mounting in a linear interlocking ceiling system (DAMPA). Mounting brackets included.
Wiring	3/4 inch (2) and 1/2 inch (2) knockouts
Operating lifetime	L80 > 100,000 hours per TM-21
Weight	2 foot (PAR) : standard white - 15 lbs (6.8 kg), white/red - 16.3 lbs (7.4 kg), white/red with EMB - 18 lbs (8.16 kg) 4 foot (PAR) : standard white - 29 lbs (13.15 kg), white/red - 30.3 lbs (13.74 kg), white/red with EMB - 32 lbs (14.52 kg)
Dimensions	2 foot model (PAR) - 25.1 in (63.8cm) x 12.625 in (32cm) x 3.125 in (7.94cm) 4 foot model (PAR) - 49.1 in (124.7cm) x 12.625 in (32cm) x 3.125 in (7.94cm)
EMB	Input power 120-277V, 50/60Hz 2 foot - up to 27 watts (charging) 4 foot - up to 51 watts (charging) Minimum 120 minute run time
Warranty	5 years

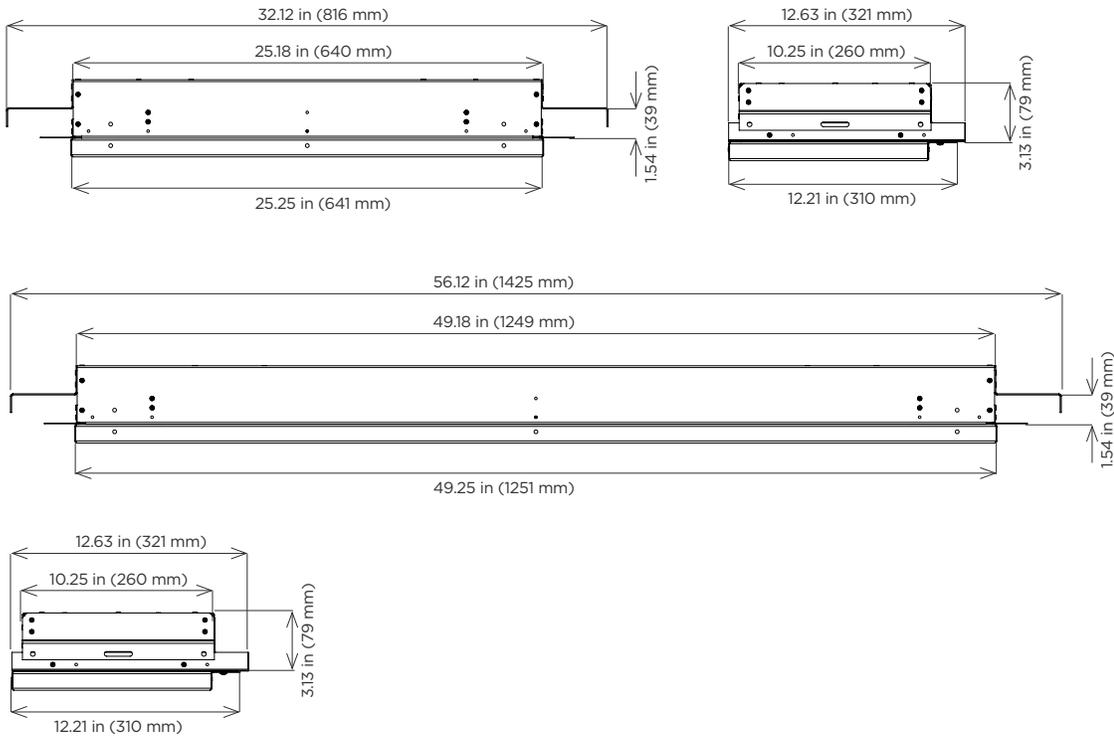
For IES files, see website or contact factory

LRMC Series

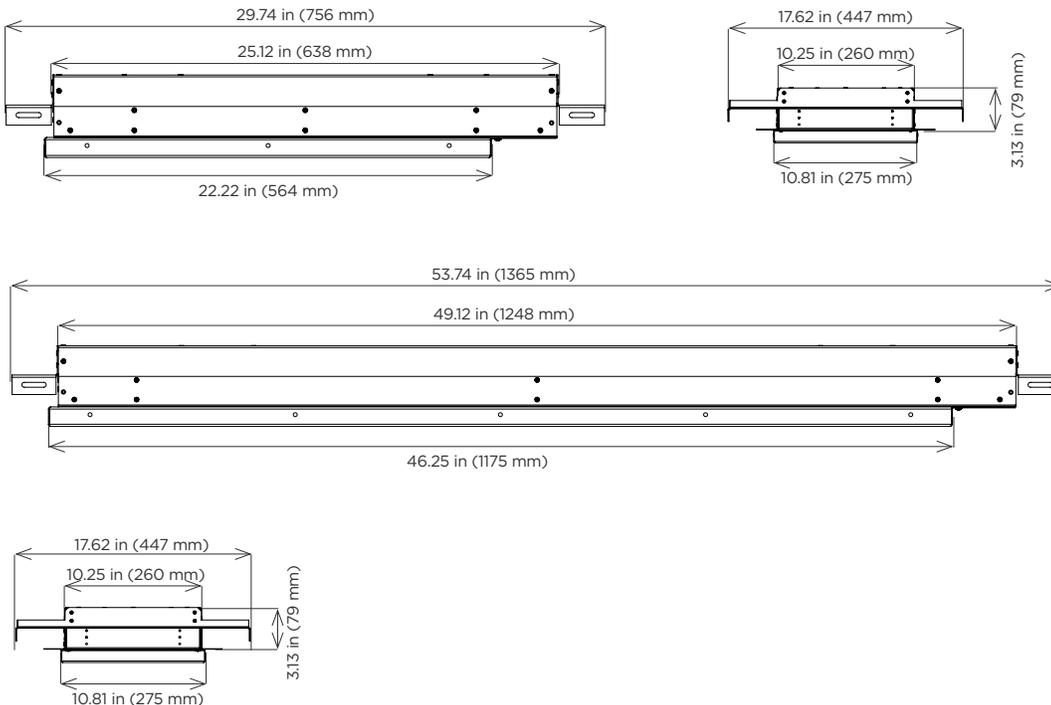
Linear Recessed Mount Ceiling LED

Dimensions

Parallel Model Dimensions - Inch (mm)



Perpendicular Model Dimensions - Inch (mm)



LRMC Series

Linear Recessed Mount Ceiling LED



Ordering Information

Example: LRMC-2-PAR-DF-AC-40K-EMB

Series	Length	Mounting	Lens	Voltage	CCT	Options
LRMC	2	PAR	DF	AC	40K	EMB
	4	PER	PM		50K	RED ^{1,2}
						BLU ^{1,2}
						HO ^{1,2,3}

Length	Mounting	Lens	Voltage	CCT	
2	2 foot model	PAR parallel	DF diffuse	AC 120-277VAC	40K 4000K
4	4 foot model	PER perpendicular	PM prismatic		50K 5000K

Options

- EMB 120 minute emergency backup battery
- RED ^{1,2} Red LEDs on separate circuit for nighttime operations
- BLU ^{1,2} Blue LEDs on separate circuit for nighttime operations
- HO ^{1,2,3} High Output LED performance package

Notes

- 1 Please contact factory for availability. Extended lead times may apply.
- 2 RED, BLUE, or HO led option will not operate with emergency battery backup
- 3 Only available with 4FT model

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Product design and specifications are subject to change without notice. The most current version of this specification sheet can be found at www.phoenixlighting.com.