

## Linear Recessed Mount Ceiling LED

A high performance, linear LED fixture achieving up to 10,000 lumens and specifically designed for recessed, 300mm continuous linear plank ceiling systems.

Offered 2 ft (600mm) or 4 ft (1200mm) models 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

300mm Continuous Plank Ceiling Systems  
Marine Interior  
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 Marine Inside Type (Drip Proof)
  - UL 924 Emergency Lighting Equipment

ABS  
IP43  
FCC Part 15 Class A

### Specifications

<b>Construction</b>	Corrosion-resistant steel housing
<b>Finish</b>	Marine-grade powder coat in white
<b>Hardware</b>	Marine grade 316 stainless steel
<b>Light source</b>	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

<b>Lens</b>	Translucent diffuser (white) Acrylic prismatic (clear)
<b>Driver</b>	AC 120-277V 50/60Hz 1-10V dimmable Field adjustable output, four unique dimming levels (25%, 50%, 75%, 100%)
<b>Power factor</b>	> 0.95
<b>THD</b>	< 15%
<b>Ambient operating temperature</b>	-20°C to +40°C (standard) 0°C to +40°C (EMB)
<b>Mounting</b>	Designed for recessed parallel (PAR) or perpendicular (PER) mounting in a 300mm linear interlocking ceiling system (300mm). Trim cover and mounting brackets included.
<b>Wiring</b>	3/4 inch (2) and 1/2 inch (2) knockouts
<b>Operating lifetime</b>	L80 > 100,000 hours per TM-21
<b>Weight</b>	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)
<b>Dimensions</b>	2 foot model (PAR) - 25.18 in (640mm) x 12.625 in (321mm) x 3.125 in (79.4mm) 4 foot model (PAR) - 49.18 in (1249mm) x 12.625 in (321mm) x 3.125 in (79.4mm)
<b>EMB</b>	Input power 120-277V, 50/60Hz 2 foot - up to 27 watts (charging), 1400 lumens 4 foot - up to 51 watts (charging), 1400 lumens Minimum 120 minute run time
<b>Warranty</b>	5 years

For IES files, see website or contact factory

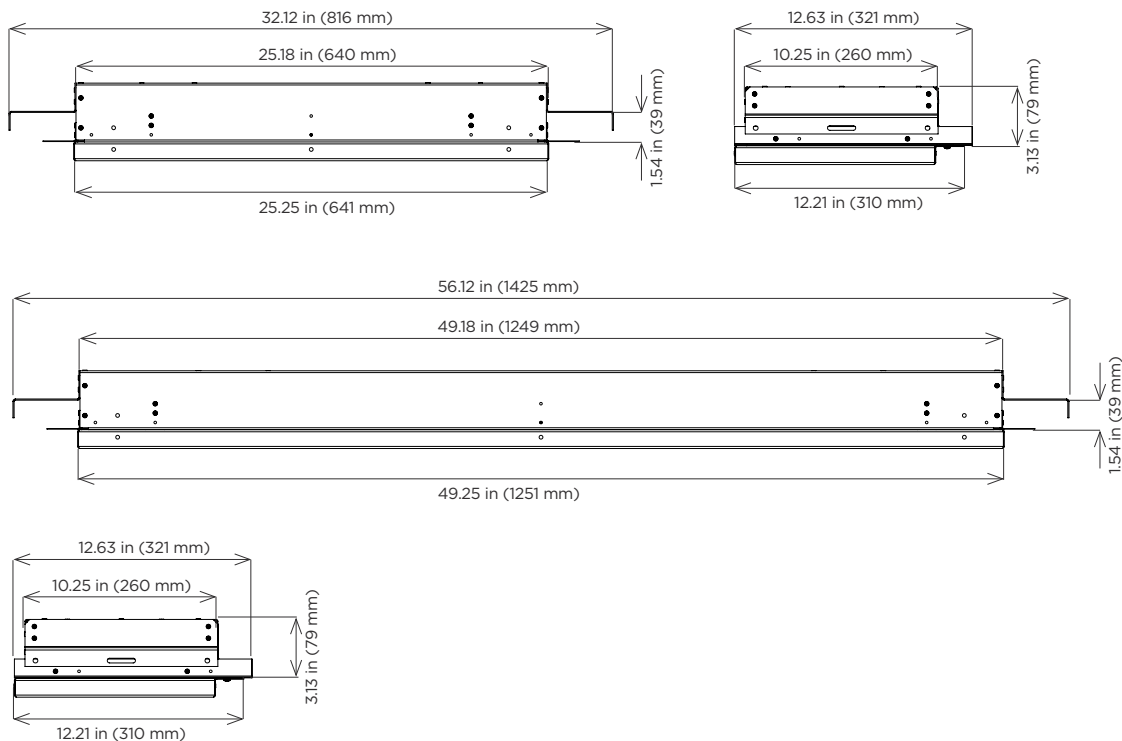
# LPMC Series

Linear Recessed Mount Ceiling LED

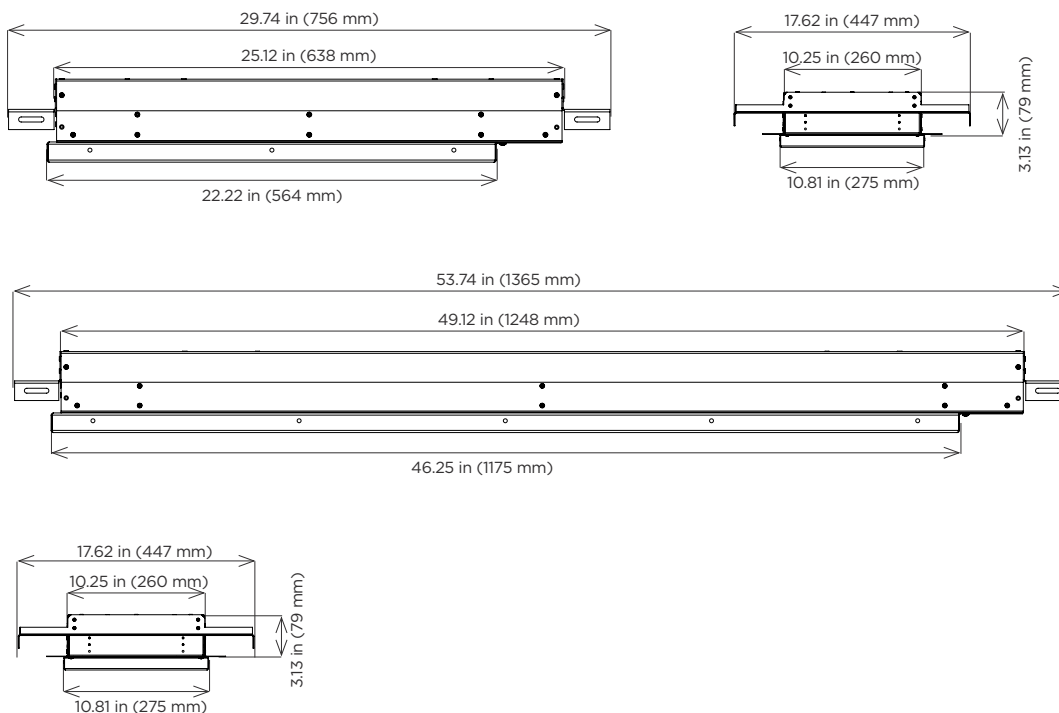
**PHOENIX**<sup>®</sup>  
DURABILITY X DESIGN™

## Dimensions

### Parallel Model Dimensions - Inch (mm)



### Perpendicular Model Dimensions - Inch (mm)



# LPMC Series

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## Ordering Information

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

Series	Length	Mounting	Lens	Voltage	CCT	Options
LPMC	2	PAR	DF	AC	40K	EMB
	4	PER	PM		50K	RED <sup>1,2</sup>
						BLU <sup>1,2</sup>
						HO <sup>1,2,3</sup>

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 <sup>1,2</sup> Red LEDs on separate circuit for nighttime operations  
BLU <sup>1,2</sup> Blue LEDs on separate circuit for nighttime operations  
HO <sup>1,2,3</sup> High Output LED performance package, over 10,000 lumens

### 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.