

C-PHB-C Series

LED Linear High Bay
Replaces up to 8 x F54T5HO



THE HIGH BAY YOU CAN COUNT ON

Our LED Linear High Bay delivers up to 39,000 lumens and features an 80+ CRI, DLC 5.1 Premium listing and a 5-year limited warranty. It's also dimmable, for maximum energy savings.



PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: 12,500-39,000 Lumens
- CRI: ≥ 80
- CCT: 4000K, 5000K
- Input Power: 90W-275W
- Dimmable: Yes, 0-10V dimming capability
- Operating Temperature Range: -4°F to 104°F (-20°C to 40°C)
- **12L**: Replaces 6 x F32T8, **19L** & **21L**: Replaces 4 x F54T5HO, 8 x F32T8, **31L**: Replaces 6 x F54T5HO, **39L**: Replaces 8 x F54T5HO
- Power Factor: >0.9
- Total Harmonic Distortion: <20%
- Limited Warranty: 5-Year*

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> • Up to 39,000 delivered lumens • 4000K or 5000K color temperature options • 5-year limited warranty 	<ul style="list-style-type: none"> • Warehouse • Industrial • Retail • Education 	<ul style="list-style-type: none"> • UL: Universal Voltage (120 through 277V Operation) • UH: High Voltage (277 through 480V Operation)

ORDERING INFORMATION

Example: C-PHB-C-L2F-39L-50K-UL-WH

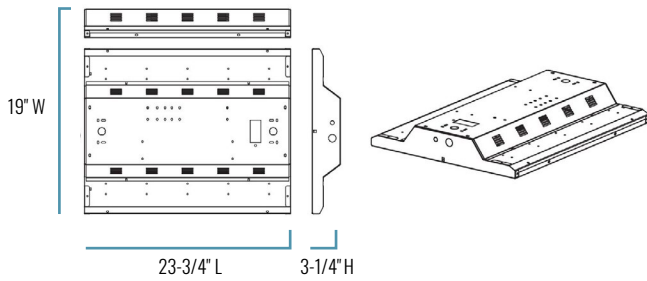
C-PHB	C	L2F					WH
PRODUCT	SERIES	TYPE	LUMEN PACKAGE		CCT	VOLTAGE	HOUSING COLOR
C-PHB	C	L2F Linear, 2-foot length	39L 39,000 Lumens UL: (275W) UH: (260W)	19L 19,600 Lumens UL: N/A UH: (136W)	40K Neutral White (4000K)	UL Universal Voltage (120-277V Operation)	WH White
			31L 31,000-31,300 Lumens UL: (214W) UH: (218W)	12L 12,500-12,600 Lumens UL: (90W) UH: (90W)	50K Cool White (5000K)	UH High Voltage (277-480V Operation)	
			21L 21,000 Lumens UL: (145W) UH: N/A				

CERTIFICATIONS:

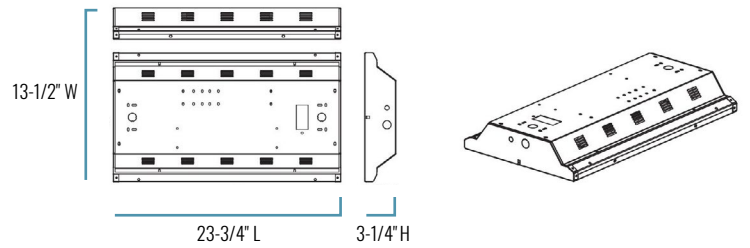


C-PHB-C Series

C-PHB-C-L2F-39L, C-PHB-C-L2F-31L



C-PHB-C-L2F-21L, C-PHB-C-L2F-19L, C-PHB-C-L2F-12L



SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
(C-PHB-C-L2F-39L-UH) 23-3/4"L x 19"W x 3-1/4"H	13.43 lbs.	30-50 feet	1 to 1-1/2 times the mounting height
(C-PHB-C-L2F-39L, C-PHB-C-L2F-31L-UH) 23-3/4"L x 19"W x 3-1/4"H	11.66 lbs.	30-50 feet	
(C-PHB-C-L2F-31L-UL) 23-3/4"L x 19"W x 3-1/4"H	10.56 lbs.	25-40 feet	
(C-PHB-C-L2F-19L, C-PHB-C-L2F-12L-UH) 23-3/4"L x 13-1/2"W x 3-1/4"H	9.41 lbs.	20-30 feet	
(C-PHB-C-L2F-21L-50K-UL) 23-3/4"L x 13-1/2"W x 3-1/4"H	8.14 lbs.	20-30 feet	
(C-PHB-C-L2F-12L-UL) 23-3/4"L x 13-1/2"W x 3-1/4"H	8.09 lbs.	15-25 feet	

FIXTURE SPECIFICATIONS

HOUSING	Steel construction White polyester powder-coated finish
LENS ASSEMBLY	Integrated UV stabilized polycarbonate lens, designed to control the light and offer the most efficiency on the product
MOUNTING	V-hook (included). Chain or Pendant mount supplied by others to accommodate desired length.

C-PHB-C Series

LUMINAIRE AND ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED L70 LIFETIME @ 25°C (77°F)	SURGE PROTECTION	POWER FACTOR	TOTAL HARMONIC DISTORTION
-4°F to 104°F (-20°C to 40°C)	100,000 Hours	6kV	>0.9	<20%

SYSTEM WATTS (120-277V)	CURRENT DRAW (AMPS)					
	120V	208V	240V	277V	347V	480V
275W	2.29	1.32	1.15	0.99	N/A	N/A
275W	2.29	1.32	1.15	0.99	N/A	N/A
214W	1.78	1.03	0.89	0.77	N/A	N/A
214W	1.78	1.03	0.89	0.77	N/A	N/A
145W	1.21	0.70	0.60	0.52	N/A	N/A
145W	1.21	0.70	0.60	0.52	N/A	N/A
90W	0.75	0.43	0.38	0.32	N/A	N/A
90W	0.75	0.43	0.38	0.32	N/A	N/A
260W	N/A	N/A	N/A	0.94	0.75	0.54
260W	N/A	N/A	N/A	0.94	0.75	0.54
218W	N/A	N/A	N/A	0.79	0.63	0.45
218W	N/A	N/A	N/A	0.79	0.63	0.45
136W	N/A	N/A	N/A	0.49	0.39	0.28
136W	N/A	N/A	N/A	0.49	0.39	0.28
90W	N/A	N/A	N/A	0.32	0.26	0.19
90W	N/A	N/A	N/A	0.32	0.26	0.19

WARRANTY AND CERTIFICATIONS

WARRANTY	CULUS LISTED	DLC
5-Year Limited*	Damp Locations	5.1 Premium Refer to https://www.designlights.org/search/ for most current information.


C-PHB-C Series

ACCESSORIES For use with C-PHB-C-L2F-xxL-xxK-UL-WH models only.

	<p>6-FOOT CORD & 120V 3- BLADE TWIST-LOCK PLUG</p> <p>SKU: C-ACC-A-CRDS-6FT-LV-TL</p>
	<p>6-FOOT CORD & 120V STRAIGHT BLADE PLUG</p> <p>SKU: C-ACC-A-CRDS-6FT-LV-SB</p>
	<p>6-FOOT CORD & 277V 3-BLADE TWIST LOCK PLUG</p> <p>SKU: C-ACC-A-CRDS-6FT-HV-TL</p>
	<p>6-FOOT CORD & 208/240V 3-BLADE TWIST LOCK PLUG</p> <p>SKU: C-ACC-A-CRDS-6FT-MV-TL</p>
	<p>6-FOOT CORD NO PLUG</p> <p>SKU: C-ACC-A-CRD-6FT-UV-NP</p>
	<p>6-FOOT CORD & 208/240V 3-BLADE TWIST-LOCK PLUG (NO STRAIN RELIEF)</p> <p>SKU: C-ACC-A-CRD-6FT-MV-TL</p>
	<p>6-FOOT CORD & 277V 3-BLADE TWIST-LOCK PLUG (NO STRAIN RELIEF)</p> <p>SKU: C-ACC-A-CRD-6FT-HV-TL</p>
	<p>120V 3-WIRE TWIST-LOCK RECEPTACLE</p> <p>SKU: C-ACC-A-RECEP-LV-TL</p>
	<p>277V 3-WIRE TWIST-LOCK RECEPTACLE</p> <p>SKU: C-ACC-A-RECEP-HV-TL</p>
	<p>208/240V 3-WIRE TWIST-LOCK RECEPTACLE</p> <p>SKU: C-ACC-A-RECEP-MV-TL</p>
	<p>5-FOOT MOUNTING SAFETY CABLE</p> <p>SKU: C-ACC-A-SC-5FT</p>

C-PHB-C Series

ACCESSORIES For use with C-PHB-C-L2F-xxL-xxK-UL-WH models only.

	<p>LINEAR HIGH BAY WIRE GUARD</p> <p>SKU: C-PHB-C-WG1 USE: With C-PHB-C-L2F-12L, 21L series only</p>
	<p>LINEAR HIGH BAY WIRE GUARD</p> <p>SKU: C-PHB-C-WG2 USE: With C-PHB-C-L2F-31L, 39L series only</p>
	<p>LINEAR HIGH BAY MICROWAVE SENSOR</p> <p>SKU: C-ACC-B-MW USE: With C-PHB-C 120-277V Operation series only</p>
	<p>LINEAR HIGH BAY PIR MICROWAVE SENSOR</p> <p>SKU: C-ACC-B-PIR USE: With C-PHB-C series only</p>

© 2021 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. C-Lite and the C-Lite logo are registered trademarks of Cree Lighting. Due to continuous product improvement, information in this document is subject to change. The cULus logo is a registered trademark of UL LLC. The DLC QPL logo and the DLC QPL Premium logo are registered trademarks of Northeast Efficiency Partnerships, Inc.

US: creelighting.com, e-conolight.com

Distribution/Sales: 855-617-2733 | Customer Service: 888-243-9445

Rev. Date: 07/22/2021

For informational purposes only. Content is subject to change. *See lighting.cree.com/warranty for details

C-LITE
LED LIGHTING