

# C-PHB-C Series

LED Linear High Bay  
Replaces up to 6 x F32T8



## 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: 12,600-39,000 Lumens
- CRI:  $\geq 80$
- 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"> <li>Up to 39,000 delivered lumens</li> <li>4000K or 5000K color temperature options</li> <li>5-year limited warranty</li> </ul>	<ul style="list-style-type: none"> <li>Warehouse</li> <li>Industrial</li> <li>Retail</li> <li>Education</li> </ul>	<ul style="list-style-type: none"> <li>UL: Universal Voltage (120 through 277V Operation)</li> <li>UH: High Voltage (277 through 480V Operation)</li> </ul>

## ORDERING INFORMATION

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

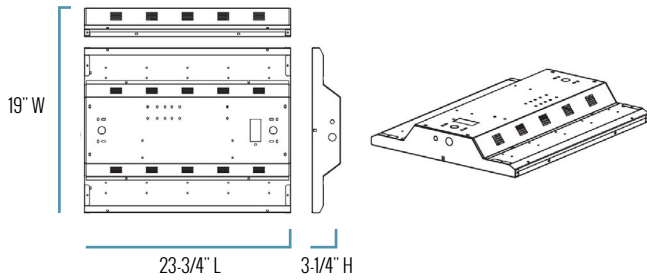
C-PHB	C	L2F					WH
PRODUCT	SERIES	TYPE	LUMEN PACKAGE		CCT	VOLTAGE	HOUSING COLOR
C-PHB	C	L2F Linear, 2-foot length	<b>39L</b> 39,000 Lumens UL: (275W) UH: (260W)	<b>19L</b> 19,600 Lumens UL: N/A UH: (136W)	<b>40K</b> Neutral White (4000K)	<b>UL</b> Universal Voltage (120-277V Operation)	WH White
			<b>31L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

### CERTIFICATIONS:

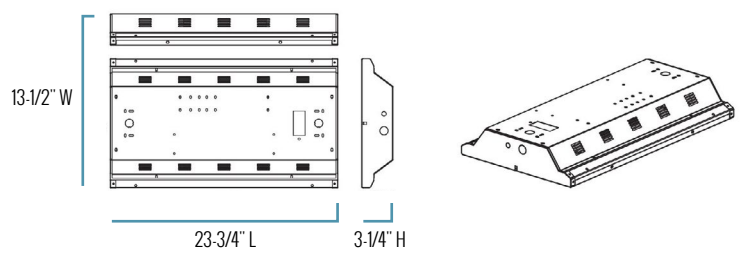


# C-PHB-C Series

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

### FIXTURE SPECIFICATIONS

<b>HOUSING</b>	Steel construction White polyester powder-coated finish
<b>LENS ASSEMBLY</b>	Integrated UV stabilized polycarbonate lens, designed to control the light and offer the most efficiency on the product
<b>MOUNTING</b>	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 <a href="https://www.designlights.org/search/">https://www.designlights.org/search/</a> for most current information.

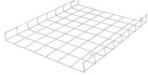
# C-PHB-C Series

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

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

# C-PHB-C Series

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

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

© 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](http://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](http://creelighting.com), [e-conolight.com](http://e-conolight.com)

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

Rev. Date: 05/19/2021

For informational purposes only. Content is subject to change. \*See [lighting.cree.com/warranty](http://lighting.cree.com/warranty) for details

**C-LITE**  
LED LIGHTING