

# C-PHB-A-L2F-20L Series

Premium LED Linear High Bay

Replaces 4 Lamp - T5HO 54W / 8 Lamp - T8 32W

**C-LITE**  
LED LIGHTING BY CREE



## DEMAND MORE WITH PREMIUM LED LINEAR HIGH BAYS:

- Custom options without the custom price
- 126 lumens per watt - plus, dimming and surge protection come standard
- A footprint that is 60-75% smaller than comparable technology

### HIGH PERFORMANCE

- Up to 57% energy savings compared to linear fluorescent fixtures
- High-powered, discrete LEDs are engineered for consistent coverage

### PREMIUM DESIGN

- Vented steel design for optimal thermal management
- 10kA surge protection included

### RECOMMENDED USE

- Warehouses
- Industrial
- Retail

### INPUT VOLTAGE

- Universal (120V through 277V Operation)

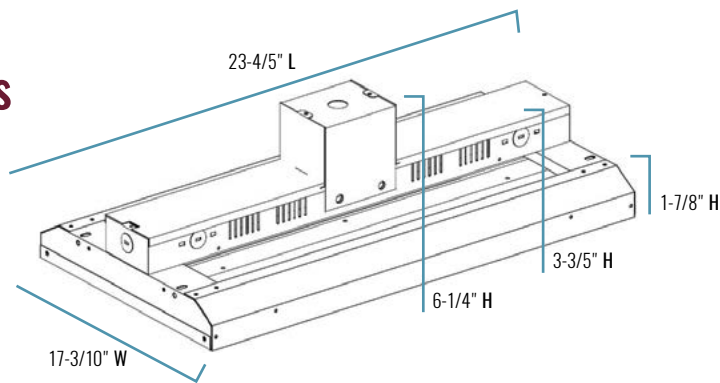
CERTIFICATIONS:



US: [c-lite.com](http://c-lite.com)

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# C-PHB-A-L2F-20L Series



## Series overview

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
23-4/5" L x 17-3/10" W x 3-3/5" H	15.0 lbs.	20 to 35 feet	1 to 1-1/2 times the mounting height

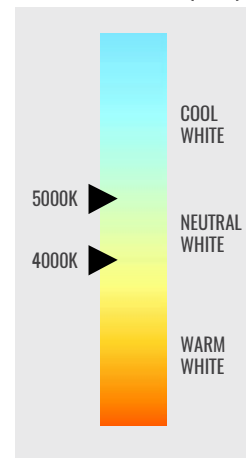
## Fixture Specifications

<b>HOUSING</b>	Vented steel housing provides thermal management through natural convection
<b>LENS ASSEMBLY</b>	Clear acrylic lens
<b>WIRING</b>	Fixture can be wired in parallel, but not in series (daisy chained)
<b>MOUNTING</b>	Included v-hook and 36" chain; Optional pendant mount kit (sold separately); Fixture must be a minimum of 7" below ceiling

## Electrical Performance

OPERATING RANGE	LIFESPAN L <sub>70</sub> AT 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE
-18°C - 40°C (0°F - 104°F)	Estimated > 70,000 Hours	> 0.98	< 10%	Yes (0-10V)
<b>INPUT VOLTAGE</b>	<b>120V</b>	<b>208V</b>	<b>240V</b>	<b>277V</b>
<b>CURRENT DRAW (Amps)</b>	1.33A	0.77A	0.67A	0.58A

## CORRELATED COLOR TEMPERATURE (CCT)



## Warranty and Certifications

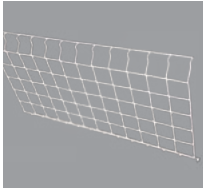






Warranty	UL Listed	Energy Star
5-Year Limited*	Damp Locations	N/A

## Output Specifications

SKU	Light Output	Color Temp (see chart)	Power Consumption	Color Accuracy	Replaces
<b>C-PHB-A-L2F-20L-40K-WH</b>	20,000 Lumens	Neutral White (4000K)	160W	80 CRI	4 Lamp - T5HO 54W / 8 Lamp - T8 32W
<b>C-PHB-A-L2F-20L-50K-WH</b>	20,000 Lumens	Cool White (5000K)	160W	80 CRI	4 Lamp - T5HO 54W / 8 Lamp - T8 32W

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**Accessories** (available with fixture purchase only)

	<p><b>Wire Guard</b> SKU: C-PHB-A-LHBWG-18X24</p>		<p><b>6' Cord &amp; Hook with Twist-Lock Plug</b> SKU: C-ACC-A-HKCRD-6FT-LV-TL (120V) C-ACC-A-HKCRD-6FT-HV-TL (277V) C-ACC-A-HKCRD-6FT-MV-TL (208V or 240V)</p>
	<p><b>PIR Motion Sensor On/Off functionality (no dim setting)</b> SKU: C-PHB-A-HBPIR</p>		<p><b>6' Cord &amp; Hook with No Plug</b> SKU: C-ACC-A-HKCRD-6FT-UV-NP (120V)</p>
	<p><b>Pendant Mount Kit</b> SKU: C-PHB-A-HBPM</p>		<p><b>6' Cord &amp; Hook with Straight Blade Plug</b> SKU: C-ACC-A-HKCRD-6FT-LV-SB (120V)</p>
			<p><b>Locking Type Receptacle (3-Blade Twist-Lock)</b> SKU: C-ACC-A-RECEP-HV-TL (277V, 3-Wire, NEMA L7-15R) C-ACC-A-RECEP-MV-TL (208V/240V, 3-Wire, NEMA L6-15R)</p>

## Size Comparison (LED vs. Fluorescent)

**Compared to 6-Lamp – T5HO 54W Linear Fluorescents:**

- Is 60% smaller for ease of installation
- Consumes less power, while producing the same light output

