



# BAYLIGHTER® EBY350

20" Wide Enclosed High Bay Luminaire



JOB	
TYPE	
DATE	

## Commercial / Industrial / Warehouse

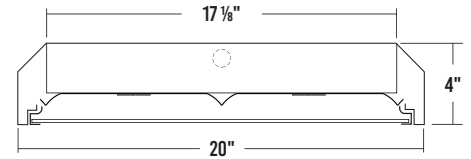


2' x 4'

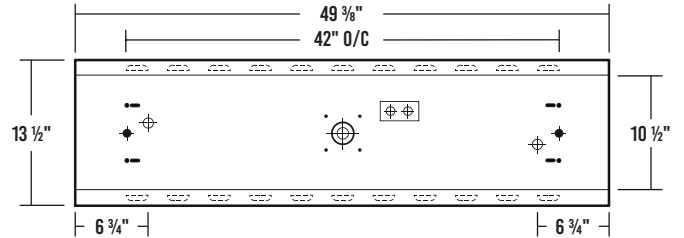


2' x 2'

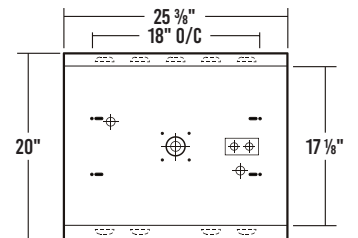
### CROSS SECTION



### 4' BACKPLATE



### 2' BACKPLATE



- Access Plate
- V-Hook Hole
- 2" KO
- 7/8" Offset KO

## SPECIFICATIONS

### Construction

- 22 gauge cold-rolled steel welded housing with louvered vents for heat removal
- 20 gauge cold-rolled steel door frame secured by T-hinges and spring-loaded latches
- One-way polyurethane gasket

### Finish

- Pre-painted housing
- Baked white polyester finish
- Minimum reflectance 86%

### Optical

- Clear prismatic acrylic lens

### Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 148,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

### Listing

- UL USA and Canada listed / suitable for damp locations

### Warranty

- 5-Year limited warranty standard. 10-Year limited warranty also available

## APPLICATIONS

- Commercial, Industrial, Warehouse

## FEATURES

- High (HT) Ambient temperature version available for extreme temperature ranges
- 0-10V dimming driver standard (other dimming types available)
- Supports California Title 24 compliance
- Safety cables attached to door frame and LED gear tray

## OPTIONS

- Range of lumen packages and color temperatures
- Sensors and controls
- Lens options
- 11 gauge wire guard available
- Emergency battery pack
- 10 kV surge protector
- Cable suspension systems
- Customization available upon request



**Los Angeles Lighting Mfg. Co.**  
 Contact Us  
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 F: 626-454-8399 El Monte, CA 91731  
 www.lalighting.com Made in the USA



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ORDERING INFORMATION

Visit [www.lalighting.com/resources](http://www.lalighting.com/resources) for additional options.

EXAMPLE: EBY350-8-2L-PA2-BPL1.5-DRDM-UNV-2/850HT										
SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	OPTICAL	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT	AMBIENT TEMP.
<b>EBY350</b>										
<b>EBY350</b> • 20" Wide Enclosed High Bay Luminaire	8 - 8000 lm 12 - 12000 lm <b>High Efficacy 8HE</b> - 8000 lm	2L • 2'	<b>PA</b> • Clear Prismatic Acrylic  <b>PA2</b> • Clear Prismatic Acrylic 0.125"  <b>FPA2</b> • Frosted Prismatic Acrylic 0.125"  <b>XX</b> • No Door/Lens Assembly	<b>GSKNx</b> • Neoprene Gasket  *Leave blank for standard 1-way polyurethane gasket  <b>PAF</b> • Painted After Fabrication  *Leave blank if not specified	<b>BPL1.5</b> • 1500 lm emergency battery pack  <b>BPL3.0</b> • 3000 lm Emergency Battery Pack  <b>SP10</b> • 10 kV Surge Protector  <b>MS(xx)</b> • Motion Sensor  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver  <b>DRDM2C</b> • 2-Channel 0-10V Dimming Driver (for Color Tunable White)  <b>DRSD</b> • Step Dimming Driver  <b>DR2W<sup>1</sup></b> • 120V 2-Wire Phase Dimming Driver (Must Specify 120V in Voltage Column)	<b>UNV</b> • 120V-277V  <b>120V</b> • 120 Volt  <b>277V</b> • 277 Volt	2 Two LED Rows  4 Four LED Rows	<b>827</b> • 80+CRI / 2700K  <b>830<sup>2</sup></b> • 80+CRI / 3000K  <b>835</b> • 80+CRI / 3500K  <b>840</b> • 80+CRI / 4000K  <b>850</b> • 80+CRI / 5000K  <b>865</b> • 80+CRI / 6500K  <b>8TW<sup>2</sup></b> • 80+CRI Tunable White 2700K-6500K Requires DRDM2C driver  <b>90CRI Also available</b>  Contact customer service for additional CRI/CCT packages.	<b>HT<sup>3</sup></b> • High Ambient Temp.  *HT cannot be combined with HE systems
	24 - 24000 lm	4L • 4'								
Most common options for EBY350 shown above. For additional options, including lumen packages, controls, lenses, colors/finishes, cord & plug, switches, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.										
<sup>1</sup> DR2W not available for HT systems <sup>2</sup> 830 CRI/CCT and 8TW options not available for HT systems <sup>3</sup> HT cannot be combined with High Efficacy (HE) systems.										

OPTICAL OPTIONS

STANDARD LENSES FOR EBY350

- PA** Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16" Square Base
- PA2** Clear Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16" Square Base
- FPA2** Frosted Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16" Square Base
- XX** No Door/Lens Assembly

ACCESSORIES

Wire Guard

2ft - **WG11-EBY350-2**

4ft - **WG11-EBY350-4**

- Shipped separately from luminaire, must be installed on-site
- All necessary hardware included (zinc finish)
- Chrome epoxy powder coat standard. Custom colors also available (contact Customer Service).



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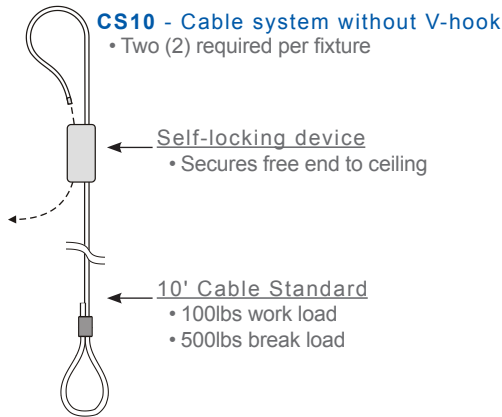
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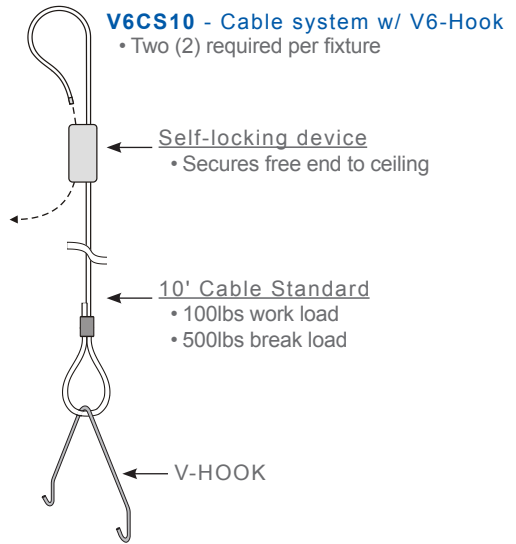
## MOUNTING HARDWARE

Mounting accessories are ordered separately from luminaire

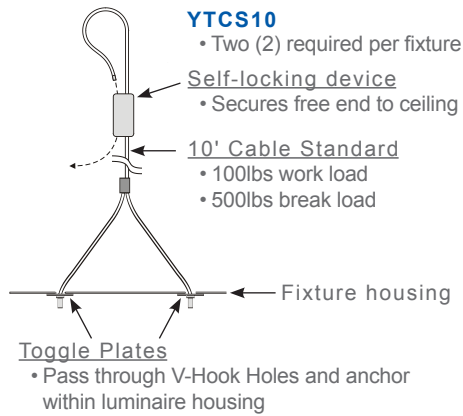
### CABLE SUSPENSION SYSTEM



### V-HOOK / CABLE SUSPENSION SYSTEMS



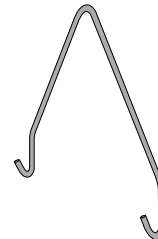
### Y-TOGGLE-END / CABLE SUSPENSION SYSTEM



### V-HOOK

#### V6 - 6" Leg Height

- Hooks attach to V-Hook Holes on luminaire or chain mount coupling tabs
- Two (2) required per luminaire



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# EBY350 LED 20" Wide Enclosed High Bay Luminaire

SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Temp

2'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	8000 Lumens (Nominal)	EBY350-8-2L-XX-DRDM-UNV-2/850	7950	51.3	154.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*
	8000 Lumens (Nominal)	EBY350-8-2L-PA-DRDM-UNV-2/850	6546	51.3	127.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*
	8000 Lumens (Nominal)	EBY350-8-2L-FPA2-DRDM-UNV-2/850	6378	51.3	124.2 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*
	12000 Lumens (Nominal)	EBY350-12-2L-XX-DRDM-UNV-2/850	12108	75.5	160.4 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F24T5HO	*
	12000 Lumens (Nominal)	EBY350-12-2L-PA-DRDM-UNV-2/850	9970	75.5	132.1 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F24T5HO	*
	12000 Lumens (Nominal)	EBY350-12-2L-FPA2-DRDM-UNV-2/850	9715	75.5	128.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F54T5HO 6x F24T5HO	*

Normal Temp High Efficacy

2'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	8000 Lumens (Nominal)	EBY350-8HE-2L-XX-DRDM-UNV-2/850	8202	49.5	165.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*
	8000 Lumens (Nominal)	EBY350-8HE-2L-PA-DRDM-UNV-2/850	6754	49.5	136.5 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*
	8000 Lumens (Nominal)	EBY350-8HE-2L-FPA2-DRDM-UNV-2/850	6581	49.5	133.0 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F24T5HO	*

High Ambient Temp

2'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	8000 Lumens (Nominal)	EBY350-8-2L-XX-DRDM-UNV-2/850HT	7950	51.5	154.2 lm/W	-30°C / 50°C (-22°F / 122°F)	2x F54T5HO 4x F24T5HO	*
	8000 Lumens (Nominal)	EBY350-8-2L-PA-DRDM-UNV-2/850HT	6546	51.5	127.0 lm/W	-30°C / 50°C (-22°F / 122°F)	2x F54T5HO 4x F24T5HO	*
	8000 Lumens (Nominal)	EBY350-8-2L-FPA2-DRDM-UNV-2/850HT	6378	51.5	123.8 lm/W	-30°C / 50°C (-22°F / 122°F)	2x F54T5HO 4x F24T5HO	*
	12000 Lumens (Nominal)	EBY350-12-2L-XX-DRDM-UNV-2/850HT	12108	75.8	159.8 lm/W	-30°C / 50°C (-22°F / 122°F)	3x F54T5HO 6x F24T5HO	*
	12000 Lumens (Nominal)	EBY350-12-2L-PA-DRDM-UNV-2/850HT	9970	75.8	131.6 lm/W	-30°C / 50°C (-22°F / 122°F)	3x F54T5HO 6x F24T5HO	*
	12000 Lumens (Nominal)	EBY350-12-2L-FPA2-DRDM-UNV-2/850HT	9715	75.8	128.2 lm/W	-30°C / 50°C (-22°F / 122°F)	3x F54T5HO 6x F24T5HO	*

Normal Temp

4'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	24000 Lumens (Nominal)	EBY350-24-4L-XX-DRDM-UNV-4/850	24020	149.0	161.2 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO	*
	24000 Lumens (Nominal)	EBY350-24-4L-PA-DRDM-UNV-4/850	19886	149.0	133.4 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO	*
	24000 Lumens (Nominal)	EBY350-24-4L-FPA2-DRDM-UNV-4/850	19621	149.0	131.7 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F54T5HO	*

High Ambient Temp

4'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
	24000 Lumens (Nominal)	EBY350-24-4L-XX-DRDM-UNV-4/850HT	23906	149.0	160.4 lm/W	-30°C / 50°C (-22°F / 122°F)	6x F54T5HO	*
	24000 Lumens (Nominal)	EBY350-24-4L-PA-DRDM-UNV-4/850HT	20460	149.0	137.3 lm/W	-30°C / 50°C (-22°F / 122°F)	6x F54T5HO	*
	24000 Lumens (Nominal)	EBY350-24-4L-FPA2-DRDM-UNV-4/850HT	20112	149.0	135.0 lm/W	-30°C / 50°C (-22°F / 122°F)	6x F54T5HO	*

**NOTE:**

System data as of 9/4/25 (K-Boards when applicable).

Luminaire efficiency: 2ft - (XX no lens) 98%, (PA lens) 80.7%, (FPA2 lens) 78.6% 4ft - (XX no lens) 98.8%, (PA lens) 84.1%, (FPA2 lens) 82.7%

Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards.

L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.



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