



# RETROFIT SOLUTION

## REBY350 SERIES

EBY300 / EBY350 HIGH BAY RETROFIT SOLUTION

LED

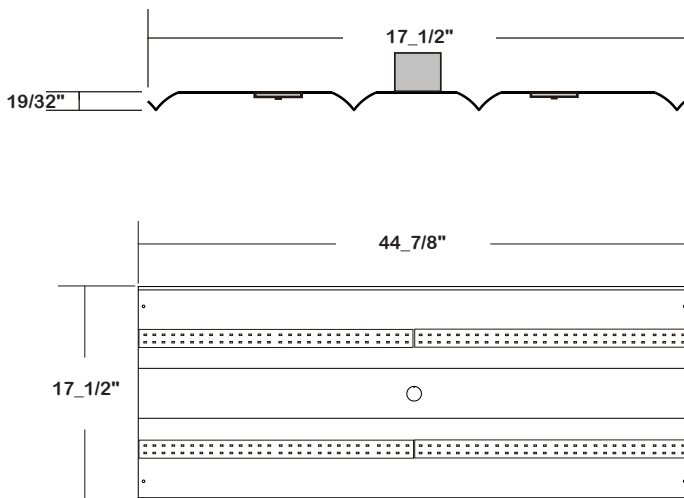
DATE

JOB

WWW.LALIGHTING.COM  
626-454-8300

EASILY CONVERTS THE L.A. LIGHTING EXISTING EBY300 / EBY350 HIGH BAY FLUORESCENT FIXTURES TO LED LUMINAIRES

### DIMENSIONS



\*Dimensions must be checked against host fixture to ensure the retrofit solution will fit properly. L.A. Lighting has the capability to modify the retrofit solution to fit your fixture.

### FEATURES

- LED retrofit solution for the L.A. Lighting high bay EBY300 / EBY350 fluorescent luminaires
- 0-10V dimming driver standard (packaged separately)
- Includes easy-to-read installation instructions
- Pre-punched holes to install the necessary hardware and wiring
- 2 safety cables pre-installed
- Supports California Title 24 compliance
- **High (HT)** ambient temperature version available for extreme temperature ranges

### OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Controls and sensors available
- Wireless control options available
- Emergency battery pack available
- Tunable white available (2700K-6500K)
- Painted after fabrication available

### SPECIFICATIONS

#### CONSTRUCTION

- 24 ga. cold rolled steel LED cover tray
- LED cover tray to be secured to the host fixture with provided screws

#### FINISH

- Baked white polyester finish / minimum reflectance 86%

#### ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- LED light engine is pre-wired with a quick connector for easy connection
- Driver-disconnect is provided for disconnecting the electrical supply conductors to the LED driver
- Power Factor (PF)  $\geq 0.9$
- Total Harmonic Distortion (THD)  $\leq 20\%$

#### LISTING

- UL USA and Canada classified

#### WARRANTY

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



**Los Angeles Lighting Mfg. Co.**  
Contact Us  
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Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

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Revised: 07/25/23



## ORDERING INFORMATION

EXAMPLE: REBY350-16-4L-DRDM-UNV-2/850HT

RETROFIT SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT	AMBIENT TEMP.
<b>REBY350</b>		<b>4L</b>				<b>UNV</b>	<b>2</b>		<b>HT</b>
<b>REBY350</b> High Bay Fluorescent EBY300 / EBY350 Fixture to LED Luminaire Retrofit Solution  (HT - High Ambient Temperature Version)	12 Nom. 12000 Lumens 16 Nom. 16000 Lumens 24 Nom. 24000 Lumens  <i>*Additional Lumen Packages Available</i>	<b>4L</b> 2' x 4'	<b>PAF</b> Painted After Fabrication  <i>*Leave Blank if Not Specified</i>	<b>BPL1.5</b> 1500lm Emergency Battery Pack  <b>MSHxx</b> Motion Sensor High Frequency  <b>WLC(LED RU)</b> EnOcean Wireless Control  <i>*Leave Blank if Not Specified</i>  <a href="#">Additional Electrical Options</a>	<b>DRDM</b> 0-10V Dimming Driver  <b>2DRDM</b> 0-10V Two Dimming Drivers (for A/B Switching)  <b>DRSD</b> Step Dimming Driver	<b>UNV</b> 120V-277V	<b>2</b> Two LED Rows	<b>830</b> 80+CRI / 3000K Color Temp.  <b>835</b> 80+CRI / 3500K Color Temp.  <b>840</b> 80+CRI / 4000K Color Temp.  <b>850</b> 80+CRI / 5000K Color Temp.  <i>*Additional Color Temp. Available</i>	<b>HT</b> High Ambient Temperature
Standard options for REBY350 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.									

## SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	HIGH AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS*	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
12000 Lumens (Nominal)	REBY350-12-4L-DRDM-UNV-2/850HT	9649 lm	72.0 W	133.9 lm/W	-20°C / 35°C	6-F32T8	*
16000 Lumens (Nominal)	REBY350-16-4L-DRDM-UNV-2/850HT	12873 lm	99.4 W	129.5 lm/W	-20°C / 35°C	4-F54T5HO	*
24000 Lumens (Nominal)	REBY350-24-4L-DRDM-UNV-2/850HT	18981 lm	150.4 W	126.2 lm/W	-20°C / 35°C	6-F54T5HO	<a href="#">LA-T3399</a>

## NOTE:

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.

\* As tested in a host fixture with a clear prismatic acrylic lens

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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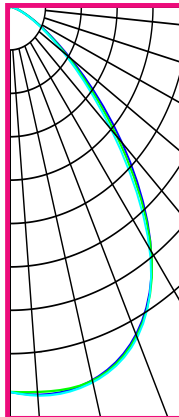
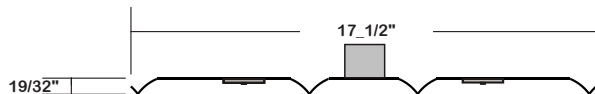
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# PHOTOMETRIC DATA - REBY350 SERIES

## REBY350-24-4L-DRDM-UNV-2/850HT

TEST NO.=LA-T3399  
 HOST FIXTURE=REBY350 with Clear Prismatic Acrylic Lens  
 LED TYPE=48 LED MODULE  
 NO. OF MODULE=4  
 SYSTEM WATT (W)=150.4  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



## CANDLEPOWER

ANGLE	END	45	CROSS
0	9611	9611	9611
5	9720	9650	9740
15	9647	9661	9702
25	9025	9065	9112
35	7458	7460	7363
45	4799	4588	4337
55	2216	2079	1969
65	811	776	745
75	228	223	213
85	32	32	29
90	2	1	2
95	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

## ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	7862	33	41
0-40	12533	52	66
0-60	17949	75	95
0-90	18981	79	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	18981	79	100

Luminaire Output= 18981.2 lumens

Luminaire Efficacy = 126.2 lm/W

## SPACING CRITERION

ALONG	ACROSS
1.25	1.25



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