



# BAYLIGHTER - LED

Job Name	Type
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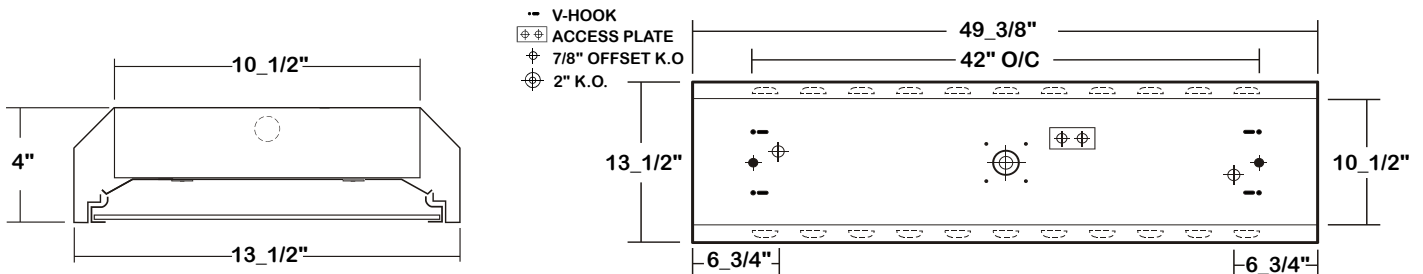


## 2-EBY150 SERIES

- High Bay LED Luminaire
- Stem, Cable or Chain Mountable
- One Way Polyurethane Gasketed
- Removable Wiring Access Plate
- Suitable for Damp Locations
- High efficiency drivers coupled with long-life LEDs, service up to 182,000 hours (L70).
- Available with:
  - .040 Aluminum Fixture Housing
  - 11ga. Wire Guard
  - Die Cast Hub For 3/4" Pipe
  - Emergency Battery Pack
  - Frame & Lens Assembly with Safety Cables
  - Sensor
  - Variety of Lenses

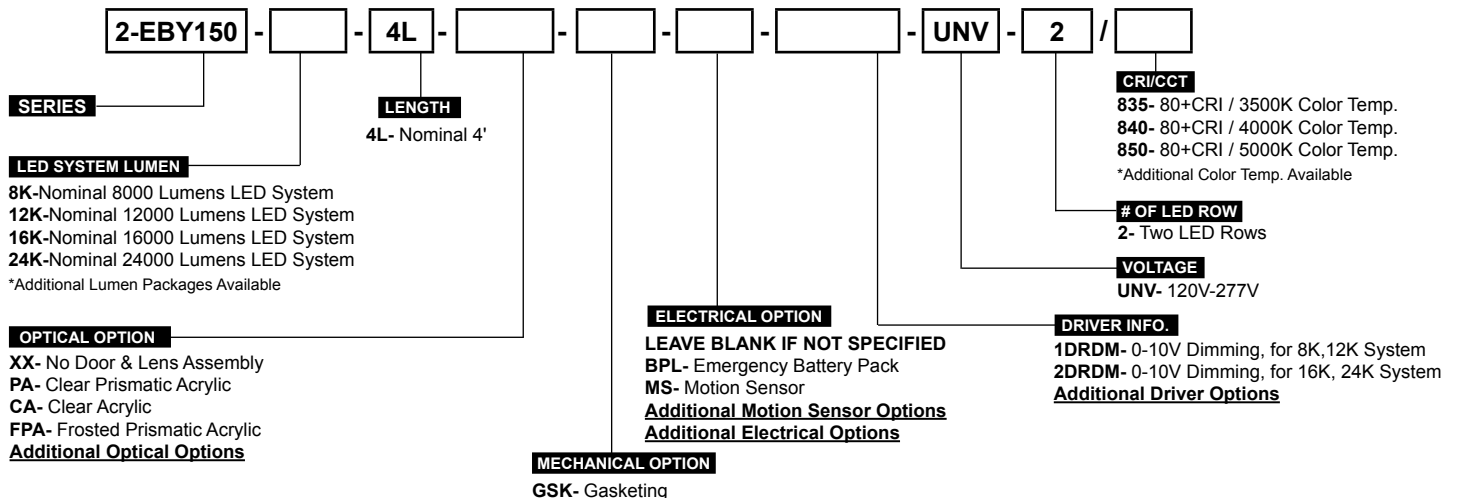


### DIMENSIONS



### ORDERING GUIDE

Example: **2-EBY150** - **16K** - **4L** - **PA** - **GSK** - **BPL** - **1DRDM** - **UNV** - **2** / **850**



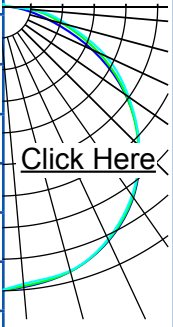
Los Angeles Lighting Mfg. Co. El Monte / California

TEL: 626-454-8300 FAX: 626-454-8399 [www.lalighting.com](http://www.lalighting.com)

## BAYLIGHTER - LED

## 2-EBY150 SERIES

## SYSTEM DATA

Nominal Size	Lumen Package	Optical Option	CRI/CCT	Delivered Lumens	System Watts	Luminaire Efficacy	Fluorescent Equivalent	IES Files	Photometric Report
4'	8K	CA	850	7652 LM	67.6 W	113.2 LPW	4-F32T8	<a href="#">LA-T2498</a>	
	12K	CA		11781 LM	97.24 W	121.2 LPW	3-F54T5HO	<a href="#">LA-T2499</a>	
	16K**	XX		15554 LM	131.2 W	118.6 LPW	4-F54T5HO	*	
		CA		14455 LM	130.8 W	110.5 LPW	4-F54T5HO	*	
	16K*	PA		13578 LM	130.9 W	103.7 LPW	4-F54T5HO	*	
	24K**	XX		24402 LM	191 W	127.7 LPW	6-F54T5HO	*	
		CA		22420 LM	190 W	117.8 LPW	6-F54T5HO	*	
		PA		20893 LM	190.2 W	109.8 LPW	6-F54T5HO	*	

**Note:**

System data above are based on 120V input voltage.

Actual performance may differ as a result of end-user environment and application.

System data and specifications subject to change without notice



\* Information will be available soon.

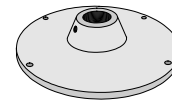
## ACCESSORIES Order as separate catalog number.

**SAFETY****WG11-EBY150**

- 11 Ga. Wire Guard.
- Chrome epoxy powder coated finish.

**MOUNTING****HUB**

- Die Cast Hub with Set Screw for 3/4" Pipe.
- Safety Cable included.
- One per fixture.

**V6**

- 6" Leg Height V-Hook.
- Two per fixture.

**YTCS10**

- Y-Toggle-End Cable Suspension System.
- Two per fixture.

\* Other fixture suspension system available, see appropriate reference page.

## SPECIFICATIONS

- **TYPE** High bay LED luminaire for surface or suspension mounted. Must be spaced a minimum or 1½" from ceiling when surface mounted.
- **CONSTRUCTION** 22 ga. cold rolled steel housing with louvered vents on top for heat removal. (20ga. C.R.S and .04 aluminum housing available as specified)
- **FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **DOOR FRAME** 20 gauge cold rolled steel door frame standard. T-hinges and positive spring loaded latches. Safety cables attached.
- **OPTICS** Clear acrylic lens standard. Extensive variety of lenses, diffusers and louvers available.
- **LED SYSTEM** High efficiency drivers coupled with long-life LEDs, service life greater than 50,000 hours (L70).
- **WIRING** Universal voltage 120v thru 277v.
- **WARRANTY** 5-Year Limited Warranty.
- **LISTING** U. L. Listed. Suitable for damp locations.



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## LED lighting facts

## 2-EBY150-16K-4L-CA-2DRDM-UNV-2/850

- 16000 Lumen System
- L90 performance at 65,000 hours



Los Angeles Lighting

**LED lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

Light Output (Lumens)	14455
Watts	130.8
Lumens per Watt (Efficacy)	110.5

Color Accuracy Color Rendering Index (CRI)	83
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**Light Color**  
Correlated Color Temperature (CCT)

5046 (Daylight)

2700K    3000K    4500K    6500K

Warm White    Bright White    Daylight

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the *Label Reference Guide*.

Registration Number: -2NC8CR (12/8/2015)  
Model Number: 2-EBY150-16K-4L-CA-2DRDM-UNV-2/850  
Type: Luminaire - Industrial

## 2-EBY150-16K-4L-XX-2DRDM-UNV-2/850

- 16000 Lumen System
- L90 performance at 67,000 hours



Los Angeles Lighting

**LED lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

Light Output (Lumens)	15554
Watts	131.2
Lumens per Watt (Efficacy)	118.6

Color Accuracy Color Rendering Index (CRI)	83
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**Light Color**  
Correlated Color Temperature (CCT)

5046 (Daylight)

2700K    3000K    4500K    6500K

Warm White    Bright White    Daylight

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: -MNOSH6 (12/9/2015)  
Model Number: 2-EBY150-16K-4L-XX-2DRDM-UNV-2/850  
Type: Luminaire - Industrial

## 2-EBY150-16K-4L-PA-2DRDM-UNV-2/850

- 16000 Lumen System
- L70 performance at 182,000 hours



Los Angeles Lighting

**LED lighting facts**<sup>®</sup>  
A Program of the U.S. DOE

Light Output (Lumens)	13578
Watts	130.9
Lumens per Watt (Efficacy)	103.7

Color Accuracy Color Rendering Index (CRI)	83
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**Light Color**  
Correlated Color Temperature (CCT)

5079 (Daylight)

2700K    3000K    4500K    6500K

Warm White    Bright White    Daylight

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

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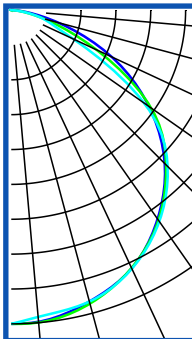
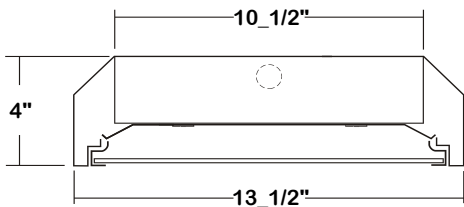
Registration Number: -PLF2JI (12/9/2015)  
Model Number: 2-EBY150-16K-4L-PA-2DRDM-UNV-2/850  
Type: Luminaire - Industrial



**PHOTOMETRIC DATA - 2-EBY150**

**2-EBY150-8K-4L-CA-1DRDM(PHI)-UNV-2SP/850(SAM)**

TEST NO.=LA-T2498  
 LED TYPE= 32 LED MODULE  
 NO. OF MODULE=4  
 SYSTEM WATT (W)=67.6  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	2779	2779	2779
5	2771	2777	2728
15	2672	2691	2673
25	2523	2521	2527
35	2259	2272	2285
45	1922	1938	1958
55	1488	1513	1439
65	982	834	606
75	431	301	287
85	69	43	35
90	0	0	0
95	0	0	0
105	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	2192	26.2	28.6
0-40	3619	43.3	47.3
0-60	6456	77.3	84.4
0-90	7652	91.6	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	7652	91.6	100.0

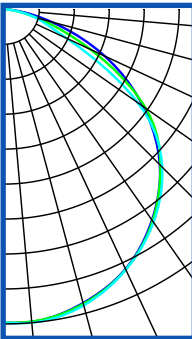
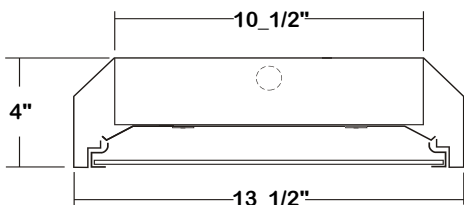
Luminaire Output= 7652 lumens  
 Luminaire Efficacy = 113.2 LPW

**SPACING CRITERION**

ALONG	ACROSS
1.27	1.29

**2-EBY150-12K-4L-CA-1DRDM(PHI)-UNV-2P/850(PHI)**

TEST NO.=LA-T2499  
 LED TYPE= 44 LED MODULE  
 NO. OF MODULE=4  
 SYSTEM WATT (W)=97.24 W  
 CRI ≥ 80  
 L70(Hrs.) ≥ 50,000  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	4237	4237	4237
5	4243	4238	4253
15	4111	4123	4144
25	3875	3883	3886
35	3479	3494	3515
45	2972	2984	3018
55	2292	2336	2207
65	1499	1287	938
75	661	466	438
85	107	67	55
90	0	0	0
95	0	0	0
105	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	3371	26.2	28.6
0-40	5567	43.3	47.3
0-60	9940	77.3	84.4
0-90	11781	91.6	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	11781	91.6	100.0

Luminaire Output= 11781 lumens  
 Luminaire Efficacy = 121.2 LPW

**SPACING CRITERION**

ALONG	ACROSS
1.29	1.29

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