



# BAYLIGHTER™

## EBY100 SERIES High Bay Luminaire



- High Bay Luminaire
- Quarter Turn Rotary Locking Sockets
- Removable Wiring Access Plate
- Stem, Cable or Chain Mountable
- Suitable for Damp Locations
- Available with:
  - Fluorescent, LED and LED T8 (Internally Driven)
  - .040 Aluminum Fixture Housing
  - 95% Enhanced Specular Aluminum Reflectors
  - Sensor
  - Emergency Battery Pack
  - Die Cast Hub for 3/4" Pipe
  - 11ga. Wire Guard



Photometric Data and IES Files are Available on [www.lalighting.com](http://www.lalighting.com)



### LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

TEL : 626-454-8300 FAX : 626-454-8399

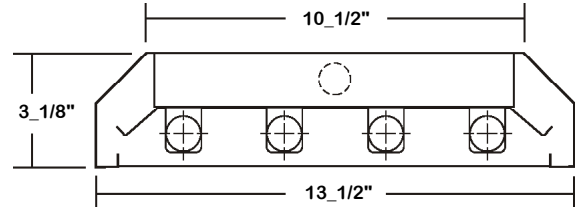
[www.lalighting.com](http://www.lalighting.com)

# BAYLIGHTER™ - LED T8 (Internally Driven)



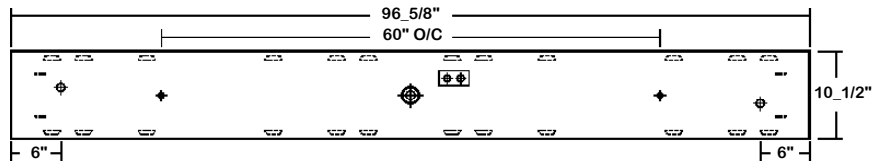
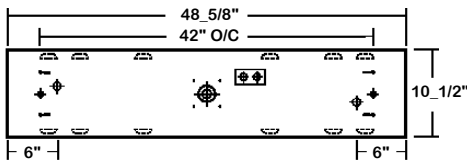
## EBY100 SERIES - LED T8

### CROSS SECTION



### BACK PLATE

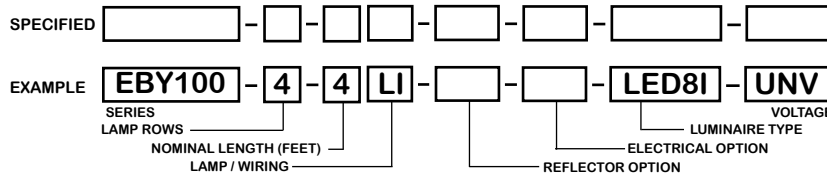
- V-HOOK
- 3/16" K.O.
- 11/16" STEM MTG. K.O.
- ⊕ ACCESS PLATE
- ⊕ 7/8" OFFSET K.O.
- ⊕ 2" K.O.



### CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS
EBY100-2-4Lx	4'	2
EBY100-2-8LxT	8'	4
EBY100-3-4Lx	4'	3
EBY100-3-8LxT	8'	6
EBY100-4-4Lx	4'	4
EBY100-4-8LxT	8'	8

### ORDERING GUIDE



### TS2 - LED Luminaire On/Off Safety Switch



- Easily accessible on exterior of wire way.
- Allows individual fixture to be switched ON/OFF during re-lamping or Maintenance.
- Prevents damage to lamp and electrical shock during lamping and re-lamping.
- Allows safe entry to wire way channel where power connector can be disconnected for maintenance to fixture.

### LAMP / WIRING

**LI = LED T8 internal driver light tube.**  
Both ends powered.  
Shunted sockets used.



**LR = LED T8 internal driver light tube.**  
Single end powered.  
Non-shunted sockets used.



### OPTIONS AND ACCESSORIES

REFLECTOR OPTIONS	SUFFIX	ELECTRICAL OPTIONS	SUFFIX	ACCESSORIES	CAT. NO.
Flat Reflector, 24 ga. Cold Rolled Steel	FR	Motion Sensor	MS	Wire Guard-11 Ga.	WG11-EBY100
				Fixture Suspension System	*
				Ceiling Spacer	*
				6" Leg Height V-Hook	V6
				Die Cast Hub For 3/4" Pipe	HUB

\*See appropriate reference page

### SPECIFICATIONS

- **TYPE** High bay open light luminaire for surface, pendant, or chain mounting for LED T8 internal driver light tube (s)\*\*.
- **CONSTRUCTION** 22 gauge cold rolled steel housing with louvered vents on top for heat removal. Quarter turn rotary locking lampholders standard. (20 ga. C.R.S. and .040 aluminum housing available as specified) Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **FINISH** 24 ga. pre-paint cold rolled steel flat white reflector, minimum reflectance 86%.
- **REFLECTOR** 11 ga. Chrome epoxy powder coated.
- **WIRE GUARDS** Operates LED T8 internal driver light tube(s)\*\*.
- **WIRING** Suitable for damp locations.
- **LABELS**

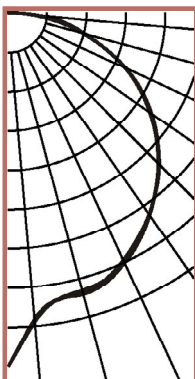
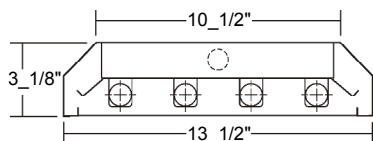
\*\* Lamp(s) by others.



**PHOTOMETRIC DATA**

**EBY100-4-4Lx-FR-LED8x-UNV**

TEST NO.=LA-T2250  
 LAMP TYPE=LED T8 Internally Driven Light Tube\*  
 NO. OF LAMP=4  
 LUMENS PER LAMP=1700  
 WATTS PER LAMP=18.5  
 PHOTOMETRY TYPE=C  
 \* Test with major manufacturer's  
 LED T8 light tube(s), consult  
 L.A. Lighting for details.



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	2538	2538	2538
5	2218	2208	2197
15	2060	2079	2091
25	1975	1952	1973
35	1765	1757	1759
45	1521	1528	1515
55	1251	1240	1232
65	923	926	916
75	563	558	549
85	242	207	174
90	16	4	3
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	1710	25.1	25.2
0-40	2815	41.4	41.5
0-60	5108	75.1	75.3
0-90	6784	99.8	100.0
90-120	2	0.0	0.0
90-150	2	0.0	0.0
90-180	2	0.0	0.0
0-180	6786	99.8	100.0

Lumen Output = 6786 lumens  
 Luminaire Efficiency = 99.8%

**SPACING CRITERION**

ALONG	ACROSS
1.10	1.10

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