



# BAYLIGHTER™

## EBY300 SERIES High Bay Luminaire



- High Bay Luminaire
- Quarter Turn Rotary Locking Sockets
- Removable Wiring Access Plate
- Surface, 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
  - Emergency Battery Pack
  - Sensor
  - 11ga. Wire Guard



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



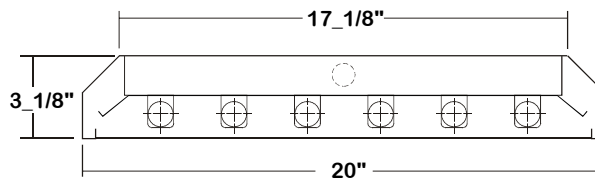
**LOS ANGELES LIGHTING MFG. CO.**  
 10141 OLNEY ST. / EL MONTE, CA 91731  
**TEL : 626-454-8300 FAX : 626-454-8399**  
[www.lalighting.com](http://www.lalighting.com)

# BAYLIGHTER™ - LED T8 (Internally Driven)



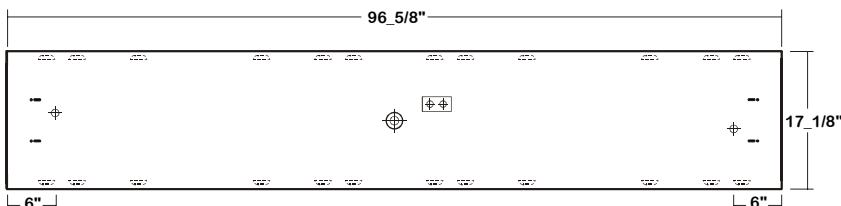
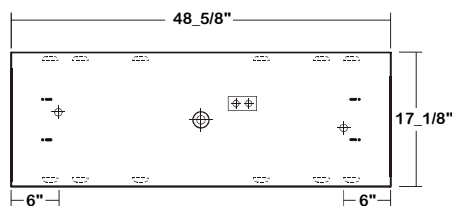
## EBY300 SERIES - LED T8

### CROSS SECTION



### BACK PLATE

- V-HOOK
- ⊕ ACCESS PLATE
- ⊕ 7/8" OFFSET K.O.
- ⊕ 2" K.O.



### CATALOG NUMBER

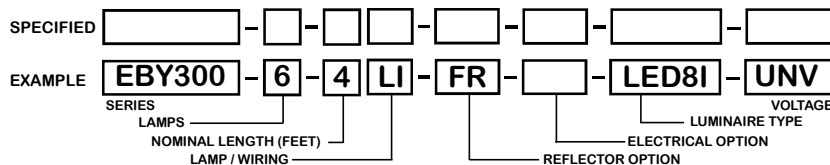
CATALOG NUMBER	NOMINAL LENGTH	TOTAL MODULES
EBY300-4-4Lx	4'	4
EBY300-4-8LxT	8'	8
EBY300-5-4Lx	4'	5
EBY300-5-8LxT	8'	10
EBY300-6-4Lx	4'	6
EBY300-6-8LxT	8'	12

### 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.

### ORDERING GUIDE



### 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

Flat Reflector, 24 ga. Cold Rolled Steel

#### SUFFIX

FR

#### ELECTRICAL OPTIONS

Motion Sensor

#### SUFFIX

MS

#### ACCESSORIES

- Wire Guard-11 Ga.
- Fixture Suspension System
- Ceiling Spacer
- 6" Leg Height V-Hook

#### CAT. NO.

- WG11-EBY300 \*
- \* \*
- V6

\*See appropriate reference page

### SPECIFICATIONS

- TYPE
- CONSTRUCTION
- FINISH
- REFLECTOR
- WIRE GUARDS
- WIRING
- LABELS

High bay open light luminaire for surface, cable or chain mounting for LED T8 internal driver light tube (s)\*\*.  
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.)  
24 ga. pre-paint cold rolled steel flat white reflector, minimum reflectance 86%.  
11 ga. Chrome epoxy powder coated.  
Operates LED T8 internal driver light tube(s)\*\*.  
Suitable for damp locations.

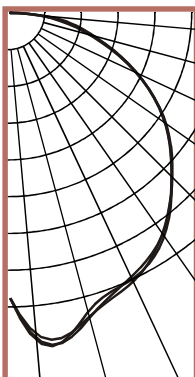
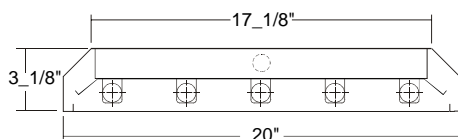
\*\* Lamp(s) by others.



**PHOTOMETRIC DATA**

**EBY300-5-4Lx-FR-LED8x-UNV**

**TEST NO.=LA-T2260**  
**LAMP TYPE=LED T8 Internally Driven Light Tube\***  
**NO. OF LAMP=5**  
**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	2374	2374	2374
5	2752	2693	2732
15	2557	2603	2609
25	2434	2451	2410
35	2245	2219	2224
45	1900	1907	1897
55	1570	1574	1563
65	1144	1147	1138
75	703	699	664
85	289	248	230
90	13	10	7
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	2120	24.9	25.0
0-40	3519	41.4	41.5
0-60	6401	75.3	75.5
0-90	8478	99.7	100.0
90-120	3	0.0	0.0
90-150	3	0.0	0.0
90-180	3	0.0	0.0
0-180	8481	99.8	100.0

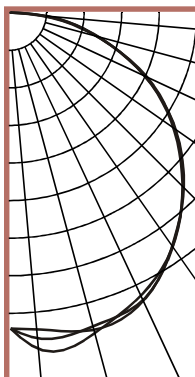
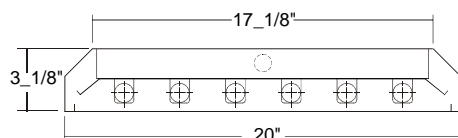
Lumen Output = 8481 lumens  
 Luminaire Efficiency = 99.8%

**SPACING CRITERION**

ALONG	ACROSS
1.43	1.43

**EBY300-6-4Lx-FR-LED8x-UNV**

**TEST NO.=LA-T2261**  
**LAMP TYPE=LED T8 Internally Driven Light Tube\***  
**NO. OF LAMP=6**  
**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	2975	2975	2975
5	3080	2994	3185
15	3052	3089	3113
25	2974	2981	2927
35	2661	2669	2670
45	2307	2297	2287
55	1878	1891	1864
65	1407	1384	1380
75	830	840	819
85	323	296	259
90	20	8	6
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	2539	24.9	24.9
0-40	4215	41.3	41.4
0-60	7682	75.3	75.4
0-90	10183	99.8	100.0
90-120	3	0.0	0.0
90-150	3	0.0	0.0
90-180	3	0.0	0.0
0-180	10186	99.9	100.0

Lumen Output = 10186 lumens  
 Luminaire Efficiency = 99.9%

**SPACING CRITERION**

ALONG	ACROSS
1.37	1.37

This space is intentionally left blank.

This space is intentionally left blank.

