



# BAYLIGHTER™

## HBI200 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
  - Emergency Battery Pack
  - Sensor
  - 11ga. or 14ga. Wire Guard
  - Die Cast Hub for 3/4" Pipe



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



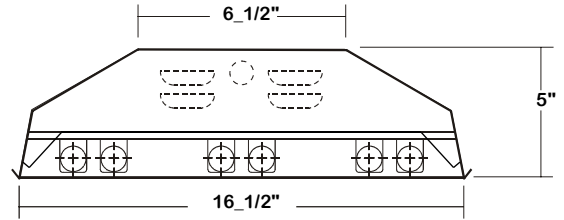
**LOS ANGELES LIGHTING MFG. CO.**  
 10141 OLNEY ST. / EL MONTE, CA 91731  
**TEL : 626-454-8300 FAX : 626-454-8399**  
[www.lalighting.com](http://www.lalighting.com)

# BAYLIGHTER™ - LED T8 (Internally Driven)



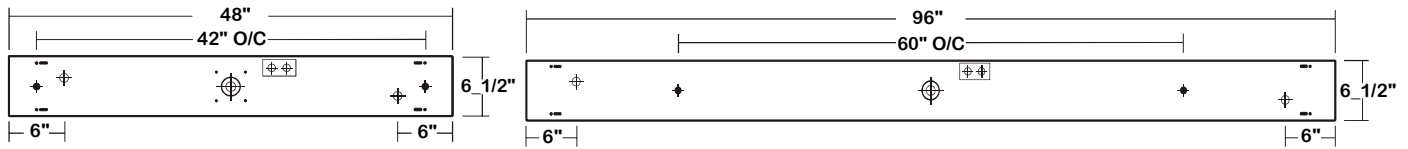
# HBI200 SERIES - LED T8

## CROSS SECTION



## BACK PLATE

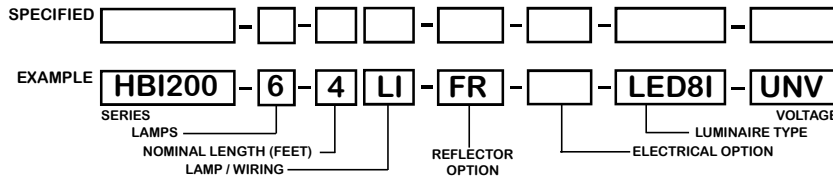
- V-HOOK
- 3/16" K.O.
- 11/16" STEM MTG. K.O.
- 7/8" OFFSET K.O.
- 2" K.O.
- ACCESS PLATE



## CATALOG NUMBER

	NOMINAL LENGTH	TOTAL MODULES		NOMINAL LENGTH	TOTAL MODULES
HBI200-5-4Lx	4'	5	HBI200-7-4Lx	4'	7
HBI200-5-8LxT	8'	10	HBI200-7-8LxT	8'	14
HBI200-6-4Lx	4'	6	HBI200-8-4Lx	4'	8
HBI200-6-8LxT	8'	12	HBI200-8-8LxT	8'	16

## 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	LED Luminaire ON/OFF Safety Switch	TS2	Wire Guard - 11 Ga.	WG11-HBI200
		Motion Sensor	MS	Wire Guard - 14 Ga.	WG14-HBI200
				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** Medium or high bay industrial open light luminaire for surface, pendant, or chain mount applications, for LED T8 internally driven light tube(s)\*\*.
- **CONSTRUCTION** 22 gauge cold rolled steel housing. Quarter turn rotary locking lampholders standard. (20 gauge C.R.S. and 0.040 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** Chrome epoxy powder coated.
- **WIRE GUARDS** Operate LED T8 internally driven light tube(s)\*\*.
- **WIRING** Suitable for damp locations.
- **LABELS**

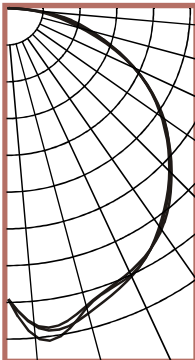
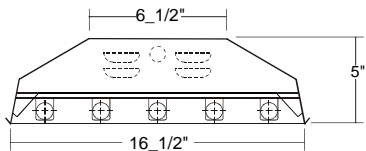
\*\* Lamp(s) by others.



**PHOTOMETRIC DATA**

**HBI200-5-4Lx-FR-LED8x-UNV**

TEST NO.=LA-T2255  
 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	2434	2434	2434
5	2662	2674	2768
15	2568	2634	2581
25	2425	2463	2453
35	2245	2227	2212
45	1933	1917	1906
55	1574	1583	1559
65	1154	1155	1147
75	704	680	619
85	272	229	201
90	11	6	4
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	2128	25.0	25.1
0-40	3528	41.5	41.6
0-60	6426	75.6	75.8
0-90	8472	99.7	100.0
90-120	2	0.0	0
90-150	2	0.0	0
90-180	2	0.0	0
0-180	8474	99.7	100

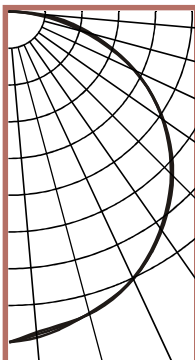
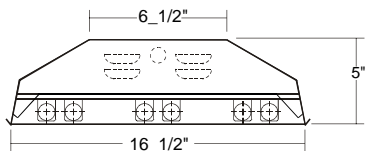
Lumen Output = 8474 lumens  
 Luminaire Efficiency = 99.7%

**SPACING CRITERION**

ALONG	ACROSS
1.41	1.39

**HBI200-6-4Lx-FR-LED8x-UNV**

TEST NO.=LA-T2257  
 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	3301	3301	3301
5	3265	3212	3236
15	3112	3123	3119
25	2940	2939	2930
35	2656	2651	2637
45	2310	2294	2282
55	1876	1869	1862
65	1383	1376	1365
75	840	815	751
85	317	241	192
90	10	3	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	2553	25.0	25.3
0-40	4217	41.3	41.8
0-60	7671	75.2	76.0
0-90	10092	98.9	100.0
90-120	1	0.0	0
90-150	1	0.0	0
90-180	1	0.0	0
0-180	10093	99.0	100

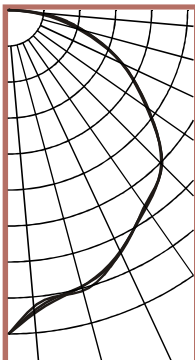
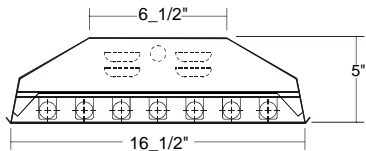
Lumen Output = 10093 lumens  
 Luminaire Efficiency = 99.0%

**SPACING CRITERION**

ALONG	ACROSS
1.26	1.25

**HBI200-7-4Lx-FR-LED8x-UNV**

TEST NO.=LA-T2258  
 LAMP TYPE=LED T8 Internally Driven Light Tube\*  
 NO. OF LAMP=7  
 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	4142	4142	4142
5	3798	3887	3852
15	3714	3657	3654
25	3399	3394	3414
35	3076	3056	3045
45	2761	2775	2775
55	2174	2163	2146
65	1598	1606	1582
75	991	973	911
85	389	322	281
90	17	5	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	2984	25.1	25.1
0-40	4905	41.2	41.3
0-60	8991	75.6	75.8
0-90	11865	99.7	100.0
90-120	2	0.0	0
90-150	2	0.0	0
90-180	2	0.0	0
0-180	11867	99.7	100

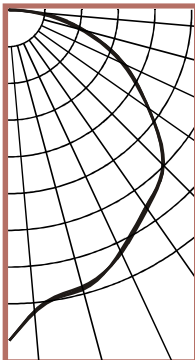
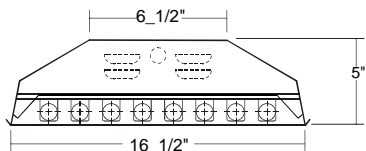
Lumen Output = 11867 lumens  
 Luminaire Efficiency = 99.7%

**SPACING CRITERION**

ALONG	ACROSS
1.17	1.17

**HBI200-8-4Lx-FR-LED8x-UNV**

TEST NO.=LA-T2259  
 LAMP TYPE=LED T8 Internally Driven Light Tube\*  
 NO. OF LAMP=8  
 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	4818	4818	4818
5	4412	4389	4390
15	4189	4165	4214
25	3893	3888	3859
35	3523	3487	3487
45	3170	3184	3160
55	2473	2474	2457
65	1847	1841	1791
75	1127	1123	1050
85	435	360	299
90	22	5	4
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	3404	25.0	25.1
0-40	5600	41.2	41.3
0-60	10275	75.5	75.8
0-90	13561	99.7	100.0
90-120	3	0.0	0
90-150	3	0.0	0
90-180	3	0.0	0
0-180	13563	99.7	100

Lumen Output = 13563 lumens  
 Luminaire Efficiency = 99.7%

**SPACING CRITERION**

ALONG	ACROSS
1.14	1.14

