



BAYLIGHTER®

HBI600 SERIES



16 1/2" Wide Industrial High Bay Luminaire



- Multi-Level Switching
- Heavy Gauge Cold Rolled Steel Welded Construction
- Powder Coated Finish / Painted After Fabrication
- One Way Polyurethane Gasketed
- Removable Wiring Access Plate
- Stem, Cable or Chain Mountable
- Suitable for Damp Locations
- Available with:

Fluorescent, LED and LED T8 (Internally Driven)
 Frame & Lens Assembly With Safety Cables 95%
 Enhanced Specular Aluminum Reflectors
 Sensor
 Emergency Battery Pack
 Pendant Mtg. Hub / Adapter

Photometric Data and IES Files are Available on www.lalighting.com



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

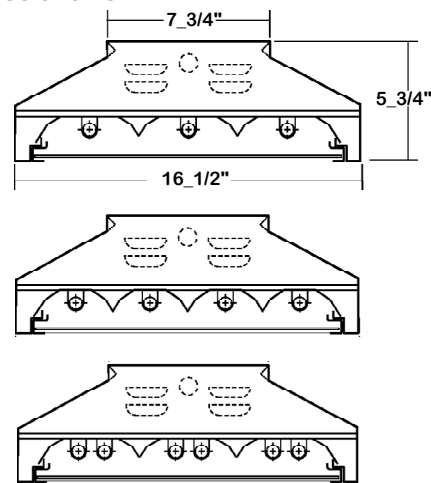
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



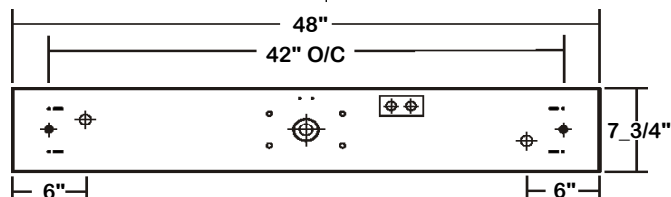
HBI600 SERIES

CROSS SECTION



BACK PLATE

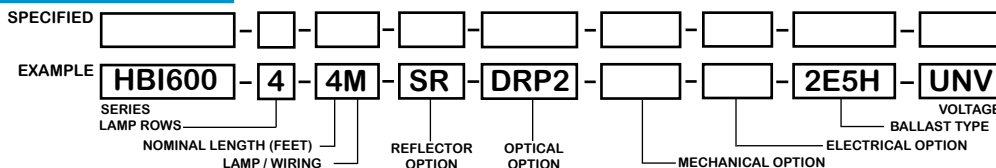
- 3/16" K.O. ◆ 11/16" STEM MTG. K.O. ⊕ ⊕ ACCESS PLATE
- V-HOOK ⊕ 7/8" OFFSET K.O. ⊕ 2" K.O.



CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
HBI600-3-4M	4'	3	HBI600-3-4R	4'	3
HBI600-4-4M	4'	4	HBI600-4-4R	4'	4
HBI600-6-4M	4'	6	HBI600-6-4R	4'	6

ORDERING GUIDE



NOTE: LAMP/WIRING*
 M= Miniature Bi-Pin T5
 R= Medium Bi-Pin T8

OPTIONS AND ACCESSORIES

<ul style="list-style-type: none"> ● REFLECTOR OPTIONS Specular Aluminum Reflector (95%) White Reflector 	SUFFIX SR WR	<ul style="list-style-type: none"> ● MECHANICAL OPTIONS Gasketing 	SUFFIX GSK*	<ul style="list-style-type: none"> ● BALLAST OPTIONS* Electronic T5 Electronic T5HO Electronic T8 Instant Start Electronic T8 Rapid Start Electronic T8HO x = Number of Lamps per Ballast 	SUFFIX xE5 xE5H xE8I xE8R xE8H
<ul style="list-style-type: none"> ● OPTICAL OPTIONS Clear Acrylic Clear Prismatic Acrylic 	SUFFIX CA PA	<ul style="list-style-type: none"> ● ELECTRICAL OPTIONS Emergency Battery Pack External Line Fusing (HLR/GLR) Motion Sensor 	SUFFIX BP* ELF MS	<ul style="list-style-type: none"> ● ACCESSORIES Fixture Suspension System Ceiling Spacer 6" Leg Height V-Hook Die Cast Hub For 3/4" Pipe 	CAT.NO. * * V6 HUB

*Refer to www.lalighting.com/resources for more information

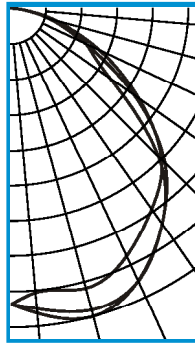
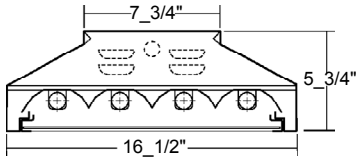
SPECIFICATIONS

- **TYPE** Medium or high bay luminaire for surface, pendant, or chain mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted.
- **CONSTRUCTION** 22 gauge cold rolled steel welded housing. Quarter turn rotary locking lamp-holders standard. (20 GA. housing available as specified) Baked white powder coated finish, minimum reflectance 90%. Painted after fabrication.
- **FINISH** Enhanced aluminum reflectors, 95% reflectance. White reflector available.
- **REFLECTOR** 20 gauge cold rolled steel door frame standard. T-hinges and positive spring loaded latches. Safety cables attached.
- **DOOR FRAME** One way polyurethane gasketed standard. More options available.
- **GASKET** Available with various acrylic or polycarbonate lenses.
- **OPTICS** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- **WIRING** Multiple levels of switching available as specified.
- **LABELS** U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

HBI600-4-4R-SR-CA-E8
 TEST NO.=LA-T1232
 LAMP TYPE=F032T8
 NO. OF LAMP=4
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



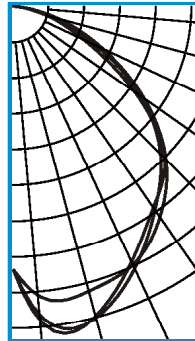
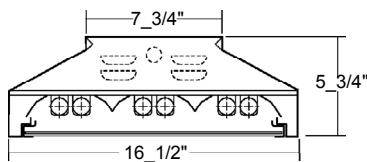
CANDLEPOWER			
ANGLE	END	45	CROSS
0	3200	3200	3200
5	3084	3261	3311
15	3134	3375	3446
25	2951	3250	3247
35	2642	2836	2836
45	2289	2338	2236
55	1669	1608	1287
65	1038	868	887
75	447	419	494
85	65	78	59
90	0	1	1
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	2722	23.5	30.0
0-40	4473	38.6	49.3
0-60	7639	65.9	84.2
0-90	9075	78.2	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	9075	78.2	100.0

Lumen Output = 9075 lumens
 Luminaire Efficiency = 78.2%

SPACING CRITERION	
ALONG	ACROSS
1.29	1.37

HBI600-6-4R-SR-CA-E8
 TEST NO.=LA-T1010
 LAMP TYPE=F032T8
 NO. OF LAMP=6
 LUMENS PER LAMP=2900
 WATTS PER LAMP=32
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



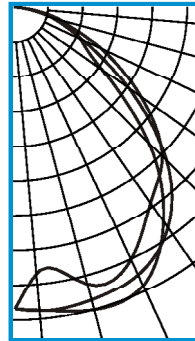
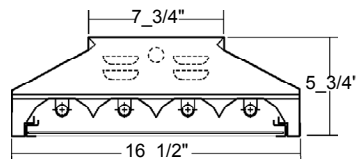
CANDLEPOWER			
ANGLE	END	45	CROSS
0	3856	3856	3856
5	4255	4549	4633
15	4316	4719	4693
25	4168	4226	4117
35	3756	3629	3587
45	3167	3052	3134
55	2334	2271	2164
65	1435	1327	1132
75	673	501	511
85	100	64	57
90	0	0	0
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3669	21.1	29.8
0-40	5962	34.3	48.4
0-60	10392	59.7	84.3
0-90	12323	70.8	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	12323	70.8	100.0

Lumen Output = 12323 lumens
 Luminaire Efficiency = 70.8%

SPACING CRITERION	
ALONG	ACROSS
1.46	1.42

HBI600-4-4M-SR-CA-E5H
 TEST NO.=LA-T0740
 LAMP TYPE=F54T5HO
 NO. OF LAMP=4
 LUMENS PER LAMP=5000
 WATTS PER LAMP=54
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



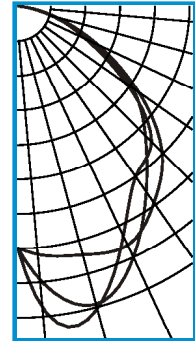
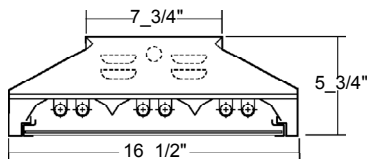
CANDLEPOWER			
ANGLE	END	45	CROSS
0	6065	6065	6065
5	5338	6126	6115
15	5774	6077	6288
25	5556	5910	6144
35	4756	5367	5196
45	4173	4275	3753
55	3045	2721	2066
65	1852	1444	1432
75	757	735	918
85	109	142	157
90	2	1	2
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	5004	25.0	30.7
0-40	8253	41.3	50.7
0-60	13810	69.0	84.8
0-90	16286	81.4	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	16286	81.4	100.0

Lumen Output = 16286 lumens
 Luminaire Efficiency = 81.4%

SPACING CRITERION	
ALONG	ACROSS
1.25	1.34

HBI600-6-4M-SR-CA-E5H
 TEST NO.=LA-T0737
 LAMP TYPE=F54T5HO
 NO. OF LAMP=6
 LUMENS PER LAMP=5000
 WATTS PER LAMP=54
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER			
ANGLE	END	45	CROSS
0	7425	7425	7425
5	7667	8486	9361
15	7908	9466	9572
25	8072	8455	7708
35	7319	6887	6343
45	6261	5536	5811
55	4493	4268	4048
65	2649	2502	2262
75	1153	1032	1124
85	186	171	144
90	1	1	1
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	7168	23.9	30.5
0-40	11477	38.3	48.8
0-60	19788	66.0	84.1
0-90	23535	78.4	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	23535	78.4	100.0

Lumen Output = 23535 lumens
 Luminaire Efficiency = 78.4%

SPACING CRITERION	
ALONG	ACROSS
1.47	1.34