



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

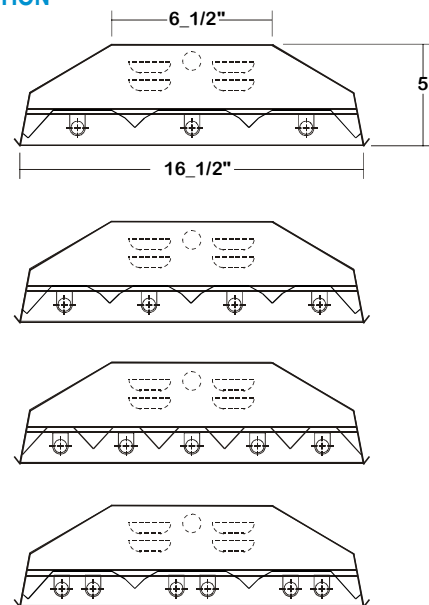


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HBI200 SERIES

CROSS SECTION

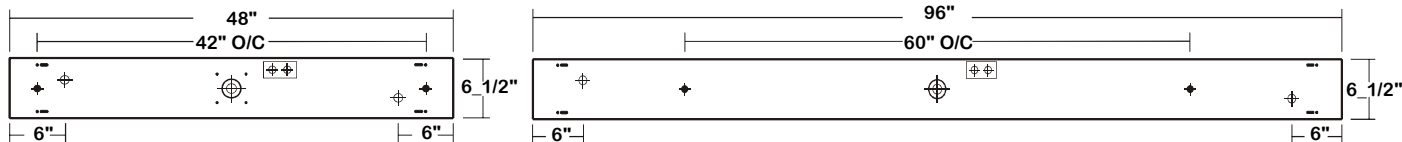


CATALOG NUMBER

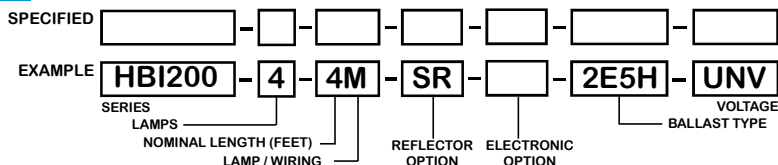
	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
HBI200-3-4M	4'	3	HBI200-3-4R	4'	3
HBI200-4-4M	4'	4	HBI200-4-4R	4'	4
HBI200-5-4M	4'	5	HBI200-5-4R	4'	5
HBI200-6-4M	4'	6	HBI200-6-4R	4'	6
HBI200-3-8MT	8'	6	HBI200-3-8RT	8'	6
HBI200-4-8MT	8'	8	HBI200-4-8RT	8'	8
HBI200-5-8MT	8'	10	HBI200-5-8RT	8'	10
HBI200-6-8MT	8'	12	HBI200-6-8RT	8'	12

BACK PLATE

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



ORDERING GUIDE



NOTE: LAMP/WIRING* M= Miniature Bi-Pin T5 MT= Miniature Bi-Pin T5, Tandem Wiring
 R = Medium Bi-Pin T8 RT = Medium Bi-Pin T8, Tandem Wiring

OPTIONS AND ACCESSORIES

<ul style="list-style-type: none"> ● REFLECTOR OPTIONS Specular Aluminum Reflector (95%) SUFFIX SR White Aluminum Reflector (90%) SUFFIX WR ● ELECTRICAL OPTIONS Emergency Battery Pack SUFFIX BP* External Line Fusing (HLR/GLR) SUFFIX ELF Radio Interference Filters SUFFIX RIF Motion Sensor SUFFIX MS 	<ul style="list-style-type: none"> ● BALLAST OPTIONS Electronic T5 SUFFIX E5* Electronic T5HO SUFFIX E5H Electronic Step Dimming T5HO SUFFIX ESDM5H Electronic T8 SUFFIX E8* Electronic Step Dimming T8 SUFFIX ESDM8* 	<ul style="list-style-type: none"> ● ACCESSORIES Wire Guard - 11 Ga. CAT.NO. WG11-HBI200 Wire Guard - 14 Ga. CAT.NO. WG14-HBI200 Fixture Suspension System * Ceiling Spacer * 6" Leg Height V-Hook V6 Die Cast Hub For 3/4" Pipe HUB
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*See appropriate reference page

SPECIFICATIONS

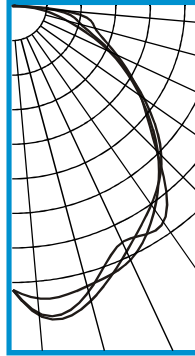
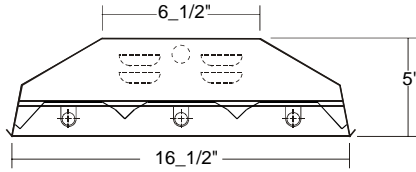
- **TYPE** Medium or high bay industrial for surface, pendant, or chain mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted.
- **CONSTRUCTION** 22 gauge cold rolled steel housing. Quarter turn rotary locking lampholders standard. 20 ga. C.R.S. housing and 0.040 aluminum housing available as specified.
- **FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **REFLECTOR** Enhanced aluminum reflectors, 95% reflectance. High reflectance white aluminum reflector available.
- **WIRE GUARDS** Chrome epoxy powder coated.
- **WIRING** 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified. Multiple levels of switching available as specified.
- **LABELS** U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

HBI200-3-4M-SR-E5H

TEST NO.=LA-T0645
 LAMP TYPE=F54T5HO
 NO. OF LAMP=3
 LUMENS PER LAMP=5000
 WATTS PER LAMP=54
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	4443	4443	4443
5	4592	4865	4831
15	4531	4761	4613
25	4372	4224	4069
35	3869	3780	4117
45	3200	3283	3172
55	2415	2491	2430
65	1647	1694	1786
75	865	1101	1331
85	314	613	792
90	27	26	20
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	3732	24.9	26.2
0-40	6174	41.2	43.4
0-60	10883	72.6	76.5
0-90	14221	94.8	100.0
90-120	7	0.0	0.0
90-150	7	0.0	0.0
90-180	7	0.0	0.0
0-180	14228	94.9	100.0

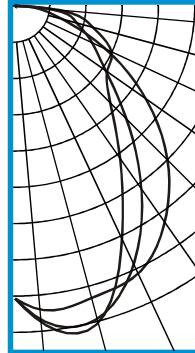
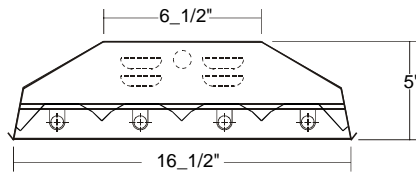
Lumen Output = 14228 lumens
 Luminaire Efficiency = 94.9%

SPACING CRITERION

ALONG	ACROSS
1.35	1.41

HBI200-4-4M-SR-E5H

TEST NO.=LA-T0642
 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	6808	6808	6807
5	7096	7344	7409
15	7019	7511	7594
25	6842	6571	5895
35	6087	5115	4242
45	5005	3634	6118
55	3679	2547	2620
65	2278	1963	2467
75	1084	1477	1859
85	418	805	968
90	41	31	19
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	5788	28.9	30.6
0-40	9017	45.1	47.7
0-60	14553	72.8	77.0
0-90	18855	94.4	100.0
90-120	8	0.0	0.0
90-150	8	0.0	0.0
90-180	8	0.0	0.0
0-180	18893	94.5	100.0

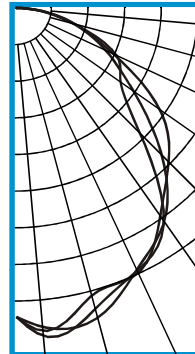
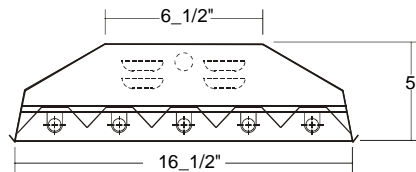
Lumen Output = 18893 lumens
 Luminaire Efficiency = 94.5%

SPACING CRITERION

ALONG	ACROSS
1.37	1.12

HBI200-5-4M-SR-E5H

TEST NO.=LA-T0704
 LAMP TYPE=F54T5HO
 NO. OF LAMP=5
 LUMENS PER LAMP=5000
 WATTS PER LAMP=54
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



CANDLEPOWER

ANGLE	END	45	CROSS
0	8053	8053	8053
5	8454	7356	8596
15	7732	7334	8084
25	7592	7486	7528
35	6555	6740	6705
45	5615	5332	4502
55	4533	3682	3310
65	2741	2534	2853
75	1557	1504	1499
85	447	459	426
90	9	10	9
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	6588	26.4	28.8
0-40	10787	43.1	47.2
0-60	18222	72.9	79.8
0-90	22840	91.4	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	22842	91.4	100.0

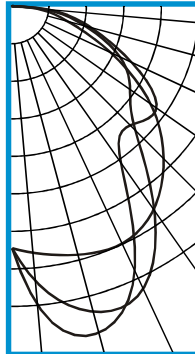
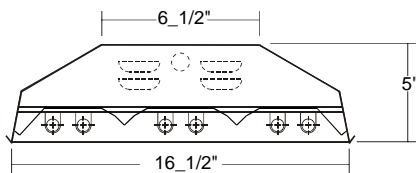
Lumen Output = 22842 lumens
 Luminaire Efficiency = 91.4%

SPACING CRITERION

ALONG	ACROSS
1.29	1.30

HBI200-6-4M-SR-E5H

TEST NO.=LA-T0654
 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	7440	7440	7440
5	7605	8501	9257
15	7905	9717	10377
25	8035	9561	8919
35	7598	7606	5805
45	6580	5334	5163
55	5173	4422	5415
65	3304	3644	4026
75	1746	2304	2490
85	678	912	1026
90	47	33	35
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	7649	25.5	27.8
0-40	12143	40.5	44.1
0-60	20841	69.5	75.7
0-90	27538	91.8	100.0
90-120	10	0.0	0.0
90-150	10	0.0	0.0
90-180	10	0.0	0.0
0-180	27548	91.8	100.0

Lumen Output = 27548 lumens
 Luminaire Efficiency = 91.8%

SPACING CRITERION

ALONG	ACROSS
1.51	1.30

