



BAYLIGHTER™

HBI600 UP-LIGHT SERIES

Rugged Gymnasium Luminaire



- Rugged Gymnasium 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)

11ga. Wire Guard

Frame & Lens Assembly With Safety Cables

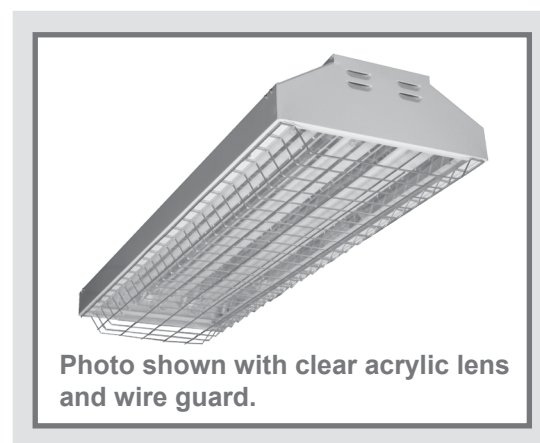
95% Enhanced Specular Aluminum Reflectors

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

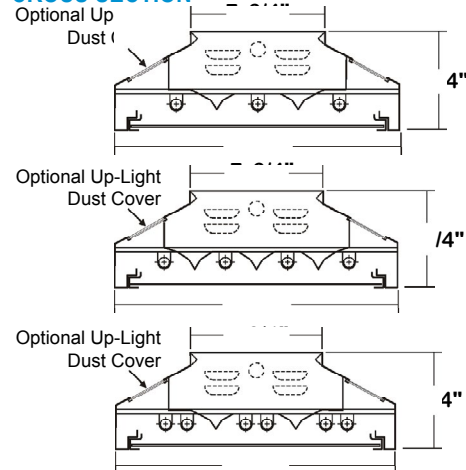
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



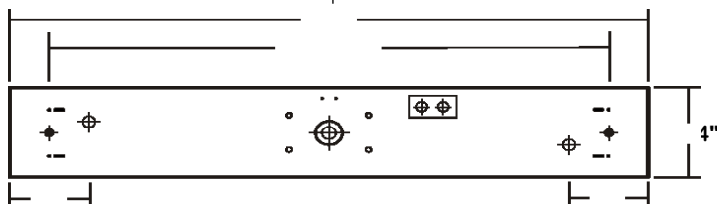
HBI600 UP-LIGHT

CROSS SECTION



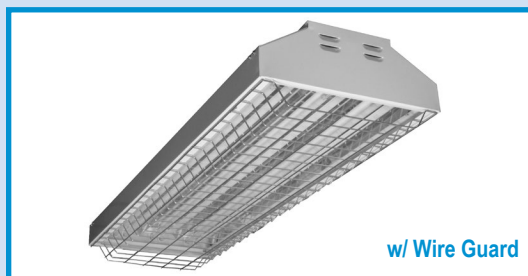
BACK PLATE

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

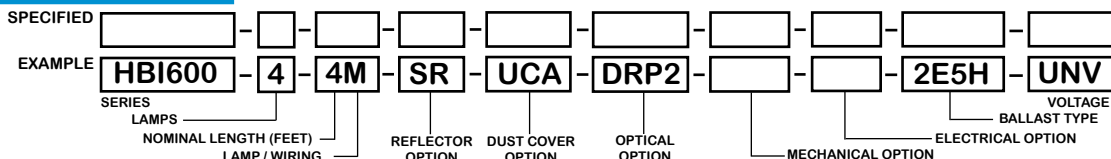


CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
HBI600-3-4M-UCA	4'	3	HBI600-3-4R-UCA	4'	3
HBI600-4-4M-UCA	4'	4	HBI600-4-4R-UCA	4'	4
HBI600-6-4M-UCA	4'	6	HBI600-6-4R-UCA	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 Aluminum Reflector (90%) ● DUST COVER OPTIONS
 Up-Light w/ Clear Acrylic Cover
 Up-Light w/ Clear Prismatic Acrylic Cover ● OPTICAL OPTIONS
 Clear Acrylic
 Clear Prismatic Acrylic
 Clear Polycarbonate .125
 Clear Prismatic Polycarbonate .125
 High Impact Clear Prismatic Acrylic .125
 High Impact Clear Prismatic Acrylic .187
 * Other Lens Available Upon Request | <p>SUFFIX
SR
WR</p> <p>SUFFIX
UCA
UPA</p> <p>SUFFIX
CA
PA
CPC2
PPC2
DRP2
DRP8</p> | <ul style="list-style-type: none"> ● MECHANICAL OPTIONS
 Gasketing ● ELECTRICAL OPTIONS
 Emergency Battery Pack
 External Line Fusing (HLR/GLR)
 Radio Interference Filters
 Motion Sensor <p>*See appropriate reference page</p> | <p>SUFFIX
GSK*</p> <p>SUFFIX
BP*
ELF
RIF
MS</p> | <ul style="list-style-type: none"> ● BALLAST OPTIONS
 Electronic Ballasts T8
 Electronic T8 Step Dimming
 Electronic Ballast T5
 Electronic Ballast T5HO
 Electronic T5HO Step Dimming ● ACCESSORIES
 Wire Guard - 11 Ga.
 Fixture Suspension System
 Ceiling Spacer
 6" Leg Height V-Hook
 Die Cast Hub For 3/4" Pipe | <p>SUFFIX
E8*
E8SD
E5
E5H
E5HSD</p> <p>CAT.NO.
WG11-HBI600
*
*
V6
HUB</p> |
|---|---|---|--|--|---|

SPECIFICATIONS

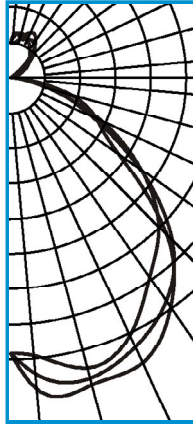
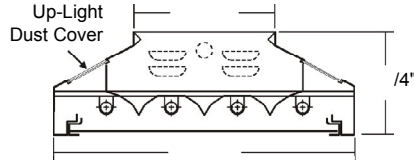
- **TYPE**
Medium or high bay gymnasium area luminaire for surface, pendant, or chain mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted.
- **CONSTRUCTION**
22 ga. cold rolled steel welded housing. Quarter turn rotary locking lampholders standard. (20 ga. housing available as specified)
- **FINISH**
Baked white powder coated finish, minimum reflectance 90%. Painted after fabrication.
- **REFLECTOR**
Enhanced aluminum reflectors, 95% reflectance. High reflectance white aluminum reflector available.
- **DOOR FRAME**
20 gauge cold rolled steel door frame standard. T-hinges and positive spring loaded latches. Safety cables attached.
- **UP-LIGHT / DUST COVER**
Up-light with clear acrylic cover standard.
- **OPTICS**
Available with various high impact acrylic or polycarbonate lenses.
- **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

HBI600-4-4M-SR-UCA-CA-E5H

TEST NO.=LA-T2300
 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	4252	4252	4252
5	4311	4600	4834
15	4642	4797	4898
25	4377	1576	4851
35	3746	4199	4312
45	3234	3522	3399
55	2451	2421	2018
65	1533	1365	1456
75	622	740	943
85	102	164	155
90	2	9	13
95	5	8	11
105	80	11	5
115	194	84	17
125	326	265	73
135	423	517	391
145	520	640	681
155	641	662	771
165	703	627	630
175	644	685	542
180	529	529	529

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	3919	19.6	25.7
0-40	6503	32.5	42.7
0-60	11240	56.2	73.8
0-90	13586	67.9	89.2
90-120	131	0.7	0.9
90-150	1087	5.4	7.1
90-180	1647	8.2	10.8
0-180	15233	76.2	100.0

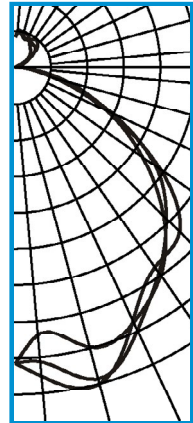
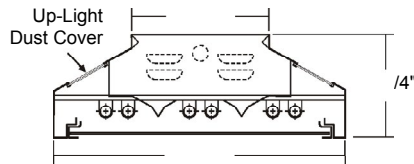
Lumen Output = 15233 lumens
 Luminaire Efficiency = 76.2%

SPACING CRITERION

ALONG	ACROSS
1.36	1.49

HBI600-6-4M-SR-UCA-CA-E5H

TEST NO.=LA-T2301
 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	6364	6364	6364
5	5757	6352	6676
15	6238	6933	7040
25	6028	3213	5982
35	5447	5376	5234
45	4490	4576	4987
55	3311	3658	3779
65	2129	2260	2220
75	877	983	1134
85	150	188	175
90	1	5	9
95	15	2	2
105	97	33	1
115	235	208	63
125	345	455	435
135	276	603	683
145	544	628	731
155	702	643	659
165	780	693	664
175	760	796	751
180	656	656	656

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	5352	17.8	25.5
0-40	8718	29.1	41.5
0-60	15556	51.9	74.1
0-90	18953	63.2	90.3
90-120	226	0.8	1.1
90-150	1460	4.9	7.0
90-180	2041	6.8	9.7
0-180	20993	70.0	100.0

Lumen Output = 20993 lumens
 Luminaire Efficiency = 70.0%

SPACING CRITERION

ALONG	ACROSS
1.32	1.29

