

High-Bay Luminaires

HBI600

Gymnasium Luminaire

3, 4 or 6 Lamps T8 or T5H0

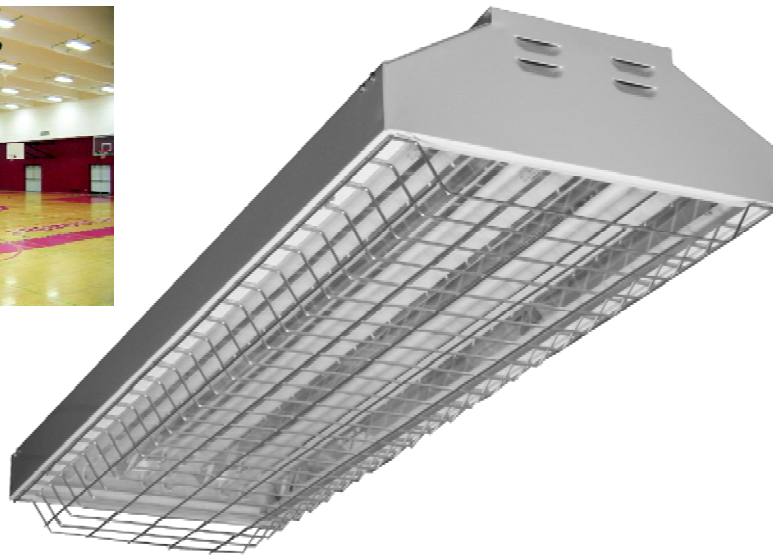
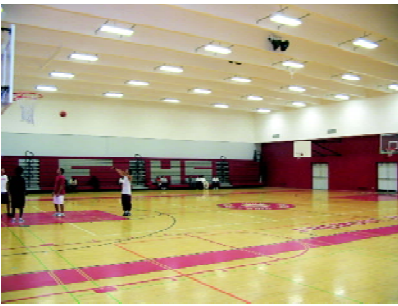


Photo shown with clear acrylic lens.



FEATURES

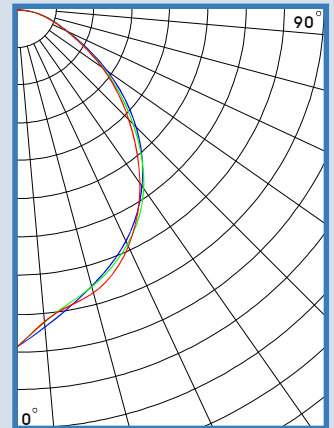
- T-Hinge and spring loaded latch door assembly.
- Clear prismatic acrylic lens.
- Enhanced aluminum reflector, 95% reflectance.
- Removable wiring accessed plate.
- Door frame safety cables.
- Stem, cable, and chain mountable.
- Quarter turn rotary locking sockets.
- Baked white powder coated finish, painted after fabrication.
- 11ga. Wire guard.
- Electronic ballast, universal voltage.
(120v / 277v, 320v/480v)

AVAILABLE WITH

- Variety of lenses
- Special ballast
- Die cast hub for 3/4" pipe mounting
- Steel safety cable
- White aluminum reflector
- Occupancy sensor
- Cord and plug
- Up-Light

HBI600-4-4M-PA-SR-E5H

TEST NO.=LA-T0741
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	6844	6844	6844
5	6468	6368	6354
15	5816	5830	5955
25	5199	5270	5316
35	4407	4470	5334
45	3427	3345	3216
55	2299	2201	2165
65	1254	1206	1200
75	648	630	621
85	188	201	190
90	16	23	21
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	4710	23.5	33.4
0-40	7486	37.4	53.1
0-60	12056	60.3	85.5
0-90	14098	70.5	100
90-120	6	0.0	0
90-130	6	0.0	0
90-150	6	0.0	0
90-180	6	0.0	0
0-180	14104	70.5	100

Luminaire Efficiency = 70.5%

SPACING CRITERION

ALONG	ACROSS
1.05	1.07



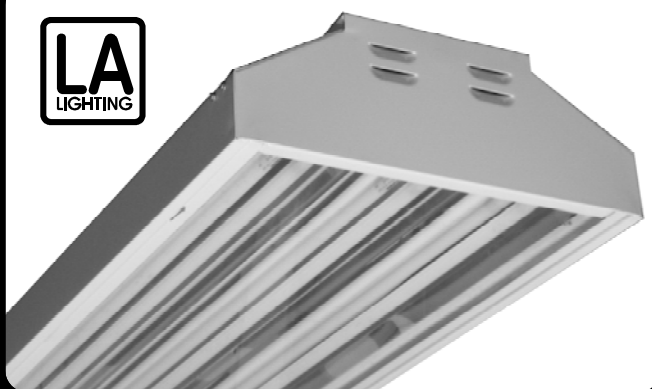
LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

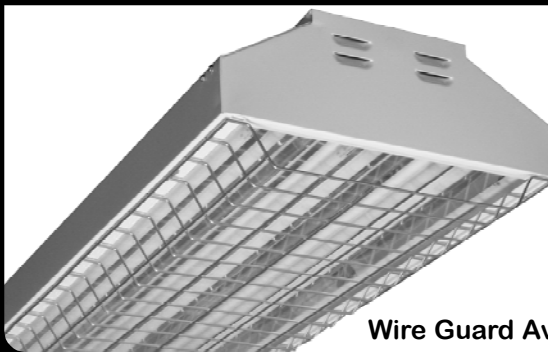
<http://www.lalighting.com>

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

GYMNASIUM / HEAVY DUTY

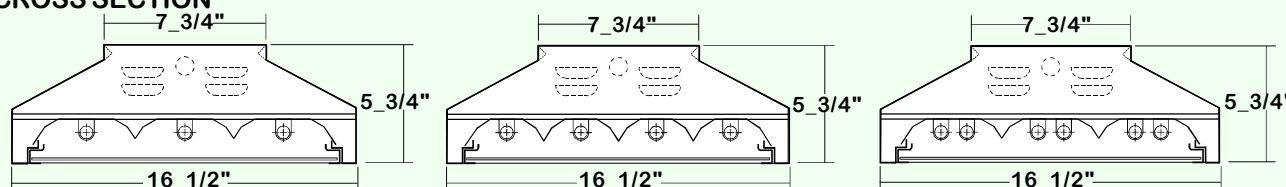


HBI600 SERIES



Wire Guard Available.

CROSS SECTION

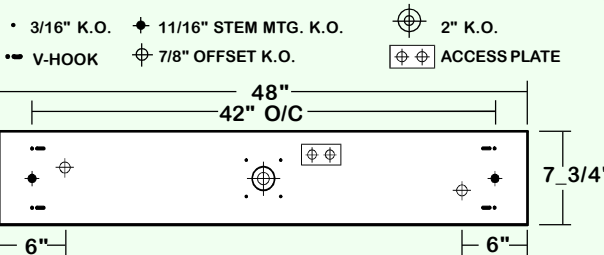


• 2 PIECE SPECULAR ALUMINUM REFLECTOR SECURED WITH QUARTER TURN FASTENERS FOR EASE OF MAINTENANCE.

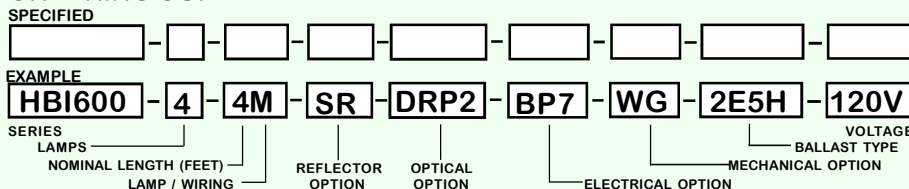
CATALOG NUMBER

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

BACKPLATE



ORDERING GUIDE



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

HUB FOR 3/4" PIPE

Aluminum die cast hub for 3/4" pipe with safety cable set. Each set consists of:
 • One Hub
 • 8' cable, one end free and the other end secured within fixture.
 • Self-locking device secures the free end to ceiling member.
 *Please see Page REF-5 for mounting detail.



OPTIONS and ACCESSORIES

• BALLAST OPTIONS	SUFFIX	• MECHANICAL OPTIONS	SUFFIX	• OPTICAL OPTIONS	SUFFIX
Electronic Ballast T5	E5	Damp Location	DL	Clear Acrylic	CA
Electronic Ballast T5 HO	E5H	Wire Guard - 11 Ga.	WG11	Clear Prismatic Acrylic	PA
Electronic T5HO Dimming Ballast	E5HDM	Fixture Suspending System	*	Clear Polycarbonate .125	CPC2
Electronic Ballast T8	*	Ceiling Spacer	*	Clear Prismatic Polycarbonate .125	PPC2
Electronic Dimming Ballast	EDM	V-Hooks For Chain MTG.	V-6	High Impact Clear Prismatic Acrylic .125	DRP2
Digital Addressable Ballast	DAB	Die Cast Hub For 3/4" Pipe	HUB	High Impact Clear Prismatic Acrylic .187	DRP8
• ELECTRICAL OPTIONS	SUFFIX	Gasketing	GSK	* Other Lens Available Upon Request	
Emergency Battery Pack	*			• REFLECTOR OPTIONS	SUFFIX
External Line Fusing (HLR/GLR)	ELF			Specular Aluminum Reflector	SR
Radio Interference Filters	RIF			White Aluminum Reflector	WR
Motion Sensor	MS				

*See Appropriate Reference Page

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 gauge cold rolled steel welded housing. Quarter turn rotary locking lampholders standard. (20 GA. housing available as specified)
- **DOOR FRAME** 20 gauge cold rolled steel door frame standard. T-hinge and positive spring loaded latch. Safety cables attached.
- **OPTICS** Available with various acrylic or polycarbonate lenses.
- **REFLECTOR** Enhanced aluminum reflectors, 95% reflectance. High reflectance white aluminum reflector available.
- **WIRE GUARDS** Chrome epoxy powder coated.
- **FINISH** Baked white powder coated finish, minimum reflectance 90%. Painted after fabrication.
- **WIRING** 120 volts. 60Hz., unless otherwise specified. Multiple levels of switching available as specified.
- **LABELS** U.L. or ETL Listed.

MADE IN THE U.S.A.