

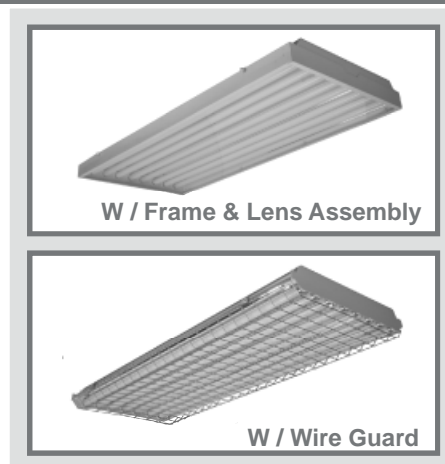


BAYLIGHTER™

HBN300 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)
 - 11ga. Wire Guard
 - Frame & Lens Assembly (Available in 4' Fixture Only)
 - 95% Enhanced Specular Aluminum Reflectors
 - Sensor
 - Emergency Battery Pack



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



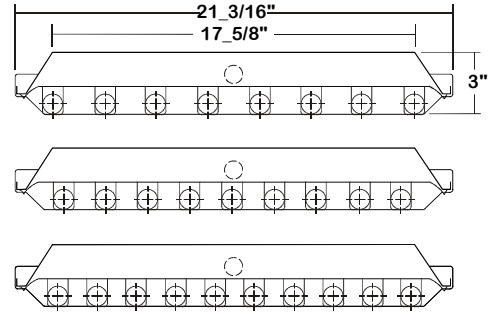
LOS ANGELES LIGHTING MFG. CO.
 10141 OLNEY ST. / EL MONTE, CA 91731
TEL : 626-454-8300 FAX : 626-454-8399
www.lalighting.com

BAYLIGHTER™ - LED T8 (Internally Driven)



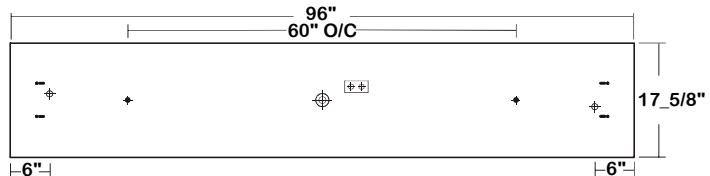
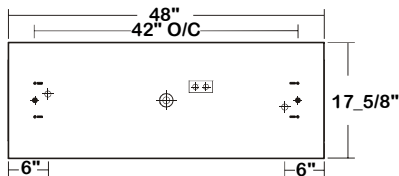
HBN300 SERIES - LED T8

CROSS SECTION



BACK PLATE

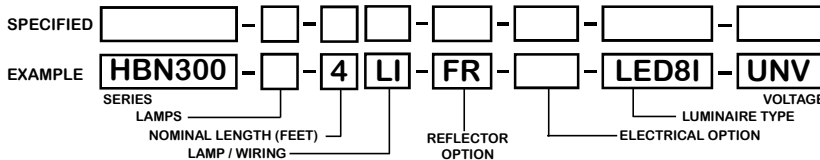
- V-HOOK
- ◆ 11/16" STEM MTG. K.O.
- ⊕ ACCESS PLATE
- ⊕ 7/8" OFFSET K.O.
- ⊕ 2" K.O.



CATALOG NUMBER

	NOMINAL LENGTH	TOTAL MODULES		NOMINAL LENGTH	TOTAL MODULES
HBN300-8-4Lx	4'	8	HBN300-10-4Lx	4'	10
HBN300-8-8LxT	8'	16	HBN300-10-8LxT	8'	20
HBN300-9-4Lx	4'	9			
HBN300-9-8LxT	8'	18			

ORDERING GUIDE



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
Flat Reflector, 24 ga. Cold Rolled Steel

SUFFIX
FR
SFR

- ELECTRICAL OPTIONS
LED Luminaire ON/OFF Safety Switch
Motion Sensor

SUFFIX
TS2
MS

- ACCESSORIES
- Wire Guard - 11 Ga. CAT. NO. WG11-HBN300
- Fixture Suspension System *
- Ceiling Spacer *
- 6" Leg Height V-Hook V6
- Frame with Clear Acrylic F/CA-HBN300**
- Frame with Clear Prismatic Acrylic F/PA-HBN300**

*See appropriate reference page

SPECIFICATIONS

- TYPE High bay luminaire for surface, pendant, or chain mounting applications, for LED T8 internally driven light tube(s)**.
- CONSTRUCTION 22 ga. die formed cold rolled steel housing with louvered vents for heat removal. Quarter turn rotary locking lampholders standard. (20 ga. C.R.S. and .040 aluminum housing available as specified). Baked white polyester finish, minimum reflectance 86%.
- FINISH 24 ga. pre-paint cold rolled steel flat white reflector, minimum reflectance 86%.
- REFLECTOR 11ga. chrome epoxy powder coated.
- WIRE GUARD Die formed cold rolled steel frame with lay-in lens, two safety thumb screws on one side of the frame.
- FRAME & LENS Extensive variety of lenses available.
- WIRING Operate LED T8 internally driven light tube(s)**.
- LABELS Suitable for damp locations.

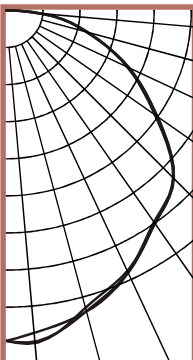
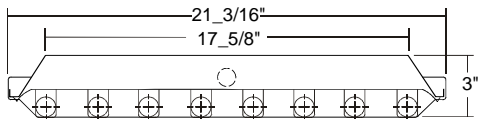
** Lamp(s) by others.



PHOTOMETRIC DATA

HBN300-8-4Lx-FR-LED8x-UNV

TEST NO.=LA-T2223
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	4428	4428	4428
5	4454	4336	4473
15	4168	4175	4119
25	3873	3871	3848
35	3480	3456	3479
45	3176	3166	3160
55	2468	2464	2428
65	1813	1811	1788
75	1128	1124	1111
85	477	461	443
90	55	28	29
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	3388	24.9	24.9
0-40	5567	40.9	40.9
0-60	10223	75.2	75.2
0-90	13588	99.9	99.9
90-120	10	0.1	0.1
90-150	10	0.1	0.1
90-180	10	0.1	0.1
0-180	13598	100.0	100.0

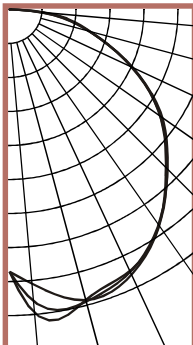
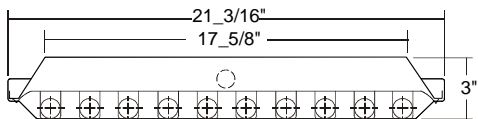
Lumen Output = 13598 lumens
 Luminaire Efficiency = 100.0%

SPACING CRITERION

ALONG	ACROSS
1.24	1.23

HBN300-10-4Lx-FR-LED8x-UNV

TEST NO.=LA-T2224
LAMP TYPE=LED T8 Internally Driven Light Tube*
NO. OF LAMP=10
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	4481	4481	4481
5	4720	5027	5232
15	5142	5156	5122
25	4977	4929	4915
35	4478	4456	4468
45	3813	3818	3781
55	3180	3140	3135
65	2296	2305	2281
75	1407	1384	1384
85	596	540	517
90	1	1	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	4218	24.8	24.8
0-40	7022	41.3	41.3
0-60	12796	75.3	75.3
0-90	16994	100.0	100.0
90-120	1	0.0	0.0
90-150	1	0.0	0.0
90-180	1	0.0	0.0
0-180	16994	100.0	100.0

Lumen Output = 16994 lumens
 Luminaire Efficiency = 100.0%

SPACING CRITERION

ALONG	ACROSS
1.49	1.48

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