



BAYLIGHTER™

EBY300 SERIES

High Bay Luminaire



- High Bay Luminaire
- Quarter Turn Rotary Locking Sockets
- Removable Wiring Access Plate
- Surface, 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. Wire Guard



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



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

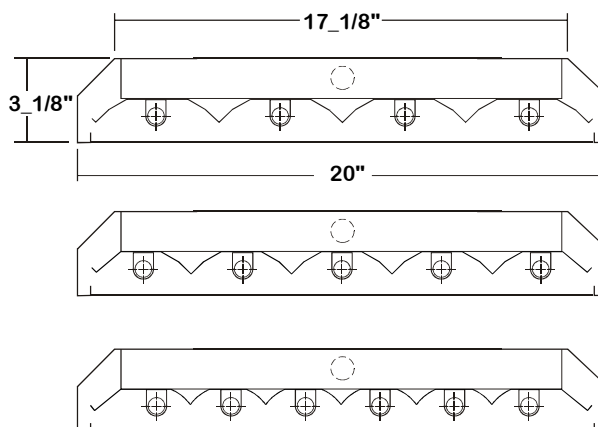
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



EBY300 SERIES

CROSS SECTION



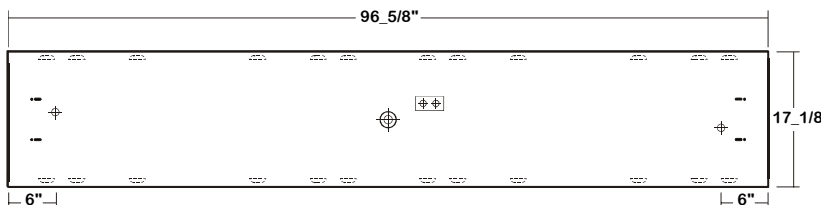
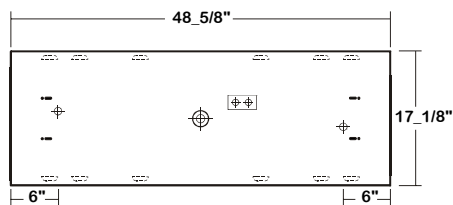
● ALUMINUM REFLECTOR SECURED WITH QUARTER TURN FASTENERS FOR EASE OF MAINTENANCE.

CATALOG NUMBER

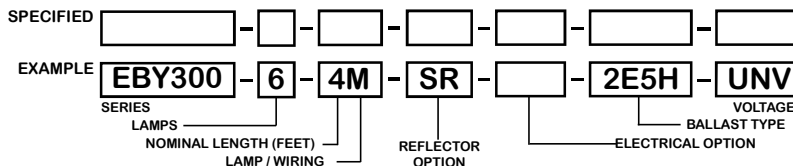
	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
EBY300-4-4M	4'	4	EBY300-4-4R	4'	4
EBY300-5-4M	4'	5	EBY300-5-4R	4'	5
EBY300-6-4M	4'	6	EBY300-6-4R	4'	6
EBY300-4-8MT	8'	8	EBY300-4-8RT	8'	8
EBY300-5-8MT	8'	10	EBY300-5-8RT	8'	10
EBY300-6-8MT	8'	12	EBY300-6-8RT	8'	12

BACK PLATE

- V-HOOK
- ⊕ ACCESS PLATE
- ⊕ 7/8" OFFSET K.O.
- ⊕ 2" K.O.



ORDERING GUIDE



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

OPTIONS AND ACCESSORIES

REFLECTOR OPTIONS

- Specular Aluminum Reflector (95%)
- White Aluminum Reflector (90%)

SUFFIX
SR
WR

ELECTRICAL OPTIONS

- Emergency Battery Pack
- External Line Fusing (HLR/GLR)
- Radio Interference Filters
- Motion Sensor

SUFFIX
BP*
ELF
RIF
MS

BALLAST OPTIONS

- Electronic T5
- Electronic T5HO
- Electronic Step Dimming T5HO
- Electronic T8
- Electronic Step Dimming T8

SUFFIX
E5*
E5H
ESDM5H
E8*
ESDM8*

ACCESSORIES

- Wire Guard - 11 Ga.
- Fixture Suspension System
- Ceiling Spacer
- 6" Leg Height V-Hook

CAT.NO.
WG11-EBY300
*
*
V6

*See appropriate reference page

SPECIFICATIONS

TYPE

High bay open light luminaire for surface, cable or chain mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted.

CONSTRUCTION

22 gauge cold rolled steel housing with louvered vents on top for heat removal. Quarter turn rotary locking lampholders standard. (20 ga. C.R.S. and .040 aluminum housing available as specified)

FINISH

Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)

REFLECTOR

Specular aluminum reflector standard, 95% reflectance. (White aluminum reflector available)

WIRE GUARDS

11 ga. 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

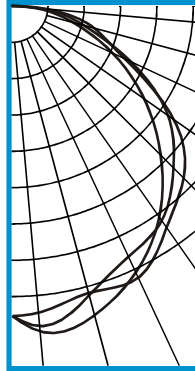
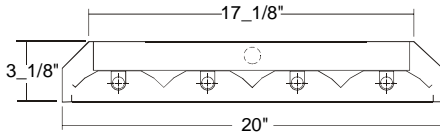
U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

EBY300-4-4M-SR-E5H

TEST NO.=LA-T1029
 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	5850	5850	5850
5	6167	6064	5806
15	6031	5639	5601
25	5532	5207	5647
35	4837	4926	5082
45	3953	4298	4572
55	3029	3578	3710
65	2074	2445	2324
75	1180	1379	1592
85	411	578	630
90	14	18	27
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	4696	23.5	25.4
0-40	7801	39.0	42.3
0-60	14232	71.2	77.1
0-90	18454	92.3	100.0
90-120	5	0.0	0
90-150	5	0.0	0
90-180	5	0.0	0
0-180	18459	92.3	100.0

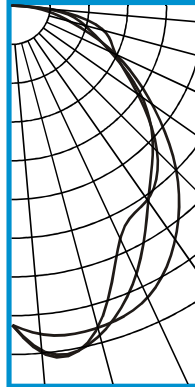
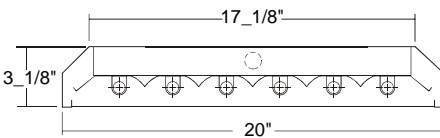
Lumen Output = 18459 lumens
 Luminaire Efficiency = 92.3%

SPACING CRITERION

ALONG	ACROSS
1.30	1.35

EBY300-6-4M-SR-E5H

TEST NO.=LA-T1015
 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	9436	9436	9436
5	9743	10237	10306
15	9844	10059	9808
25	9491	8692	7556
35	8393	7006	6978
45	6836	5866	6038
55	5010	4652	4496
65	3333	3177	3357
75	1716	2197	2777
85	626	1028	1073
90	40	34	26
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	7765	25.9	28.0
0-40	12380	41.3	44.6
0-60	21363	71.2	77.0
0-90	27726	92.4	100.0
90-120	9	0.0	0
90-150	9	0.0	0
90-180	9	0.0	0
0-180	27735	92.5	100.0

Lumen Output = 27735 lumens
 Luminaire Efficiency = 92.5%

SPACING CRITERION

ALONG	ACROSS
1.37	1.15

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