



BAYLIGHTER™

EBY200 SERIES



High Bay Luminaire



- High Bay Luminaire
- Quarter Turn Rotary Locking Sockets
- Frame & Lens Assembly With Safety Cables
- Removable Wiring Access Plate
- Stem, Cable or Chain Mountable
- Available with:
 - Fluorescent, LED and LED T8 (Internally Driven)
 - .040 Aluminum Fixture Housing
 - 95% Enhanced Specular Aluminum Reflectors
 - Variety of Lenses
 - Emergency Battery Pack
 - Sensor
 - 11ga. Wire Guard
 - Die Cast Hub For 3/4" Pipe (4' Fixture Only)



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



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

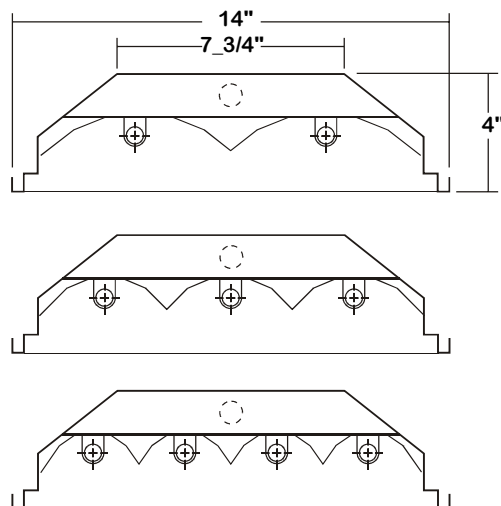
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



EBY200 SERIES

CROSS SECTION



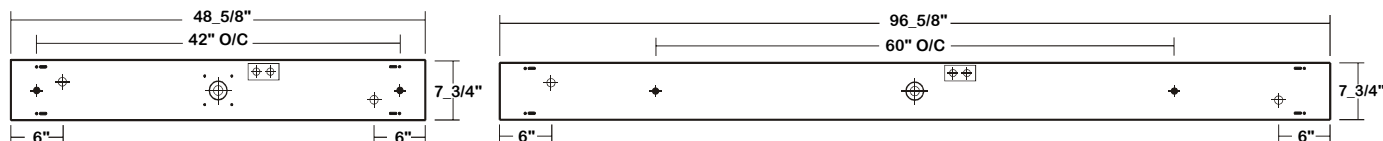
● 1 PIECE SWING-OPEN LAMP/REFLECTOR PANEL FOR EASE OF MAINTENANCE.

CATALOG NUMBER

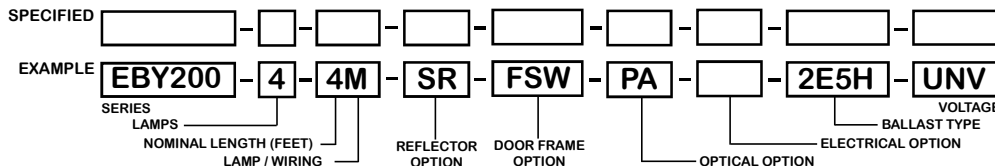
	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
EBY200-2-4M	4'	2	EBY200-2-4R	4'	2
EBY200-3-4M	4'	3	EBY200-3-4R	4'	3
EBY200-4-4M	4'	4	EBY200-4-4R	4'	4
EBY200-2-8MT	8'	4	EBY200-2-8RT	8'	4
EBY200-3-8MT	8'	6	EBY200-3-8RT	8'	6
EBY200-4-8MT	8'	8	EBY200-4-8RT	8'	8

BACK PLATE

- V-HOOK
- 3/16" K.O.
- 11/16" STEM MTG. K.O.
- 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

<ul style="list-style-type: none"> ● REFLECTOR OPTIONS Specular Aluminum Reflector (95%) White Aluminum Reflector (90%) 	<ul style="list-style-type: none"> SUFFIX SR WR 	<ul style="list-style-type: none"> ● ELECTRICAL OPTIONS Emergency Battery Pack External Line Fusing (HLR/GLR) Radio Interference Filters Motion Sensor 	<ul style="list-style-type: none"> SUFFIX BP* ELF RIF MS 	<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 	<ul style="list-style-type: none"> SUFFIX E8* E8SD E5 E5H E5HSD
<ul style="list-style-type: none"> ● DOOR FRAME OPTIONS Flat Steel Door Frame / White Finish 	<ul style="list-style-type: none"> SUFFIX FSW 				
<ul style="list-style-type: none"> ● OPTICAL OPTIONS Clear Acrylic Clear Prismatic Acrylic Flat White Acrylic * Other Lens Available Upon Request 	<ul style="list-style-type: none"> SUFFIX CA PA * 				
			<ul style="list-style-type: none"> ● ACCESSORIES Wire Guard - 11 Ga. Fixture Suspension System Ceiling Spacer 6" Leg Height V-Hook Die Cast Hub For 3/4" Pipe (4' Fixture Only) 		<ul style="list-style-type: none"> CAT.NO. WG11-EBY200 * * V6 HUB

*See appropriate reference page

SPECIFICATIONS

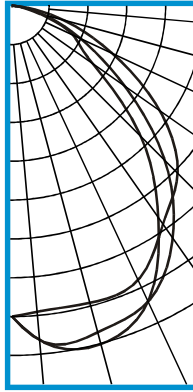
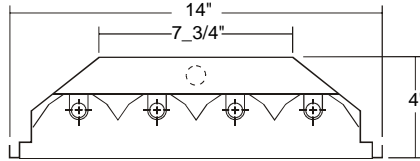
- TYPE: High bay luminaire for surface, pendant, or chain mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted. Lensed door frame or wire guard optional.
- CONSTRUCTION: 22 gauge cold rolled steel housing. Quarter turn rotary locking lampholders standard. 20 GA. housing and 0.040 aluminum housing available as specified.
- FINISH: Baked white polyester finish, minimum reflectance 86%. (Powder coated finish, painted after fabrication available as specified.)
- REFLECTOR: Specular Aluminum reflector standard, 95% reflectance. (White aluminum reflector available.)
- DOOR FRAME/OPTICS: 20 ga. cold rolled steel door frame secured by four spring loaded barrel latches. Nom .125 clear prismatic acrylic lens standard. Extensive variety of lenses, diffusers and louvers available. Safety cables attached.
- WIRE GUARDS: 11ga. 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. Inside/outside wiring standard.
- LABELS: U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

EBY200-4-4M-SR-E5H

TEST NO.=LA-T0795
 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	6804	6804	6804
5	6719	7366	7367
15	6724	7383	7655
25	6593	7115	7095
35	5786	6148	5578
45	5134	4705	3948
55	3916	2953	2101
65	2383	1603	1449
75	1118	678	544
85	212	128	108
90	6	7	12
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	5981	29.9	32.1
0-40	9697	48.5	52.1
0-60	15952	79.8	85.7
0-90	18616	93.1	100.0
90-120	2	0.0	0
90-150	2	0.0	0
90-180	2	0.0	0
0-180	18618	93.1	100.0

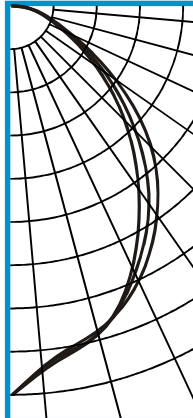
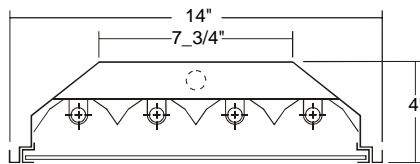
Lumen Output = 18618 lumens
 Luminaire Efficiency = 93.1%

SPACING CRITERION

ALONG	ACROSS
1.33	1.31

EBY200-4-4M-SR-FSW-PA-E5H

TEST NO.=LA-T0797
 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	7635	7635	7635
5	7099	7173	7112
15	6583	6644	6635
25	5911	5737	5606
35	4956	4674	4317
45	3824	3385	3081
55	2413	2143	1939
65	1238	1114	1061
75	642	598	557
85	217	195	181
90	18	15	15
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	5223	26.1	35.6
0-40	8148	40.7	55.6
0-60	12733	63.7	86.9
0-90	14655	73.3	100.0
90-120	4	0.0	0
90-150	4	0.0	0
90-180	4	0.0	0
0-180	14659	73.3	100.0

Lumen Output = 14659 lumens
 Luminaire Efficiency = 73.3%

SPACING CRITERION

ALONG	ACROSS
1.07	1.01

This space is intentionally left blank.

This space is intentionally left blank.

