

High-Bay Luminaires

EBY450

High Bay Luminaire

6, 7 or 8 Lamps T8 or T5HO / 4' or 8'



FEATURES

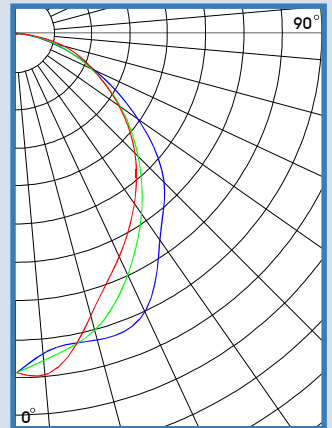
- T-Hinge and spring loaded latch door assembly.
- Clear prismatic acrylic lens.
- Miro 4 specular enhanced aluminum reflector, 95% reflectance.
- Removable wiring accessed plate.
- Stem, cable, and chain mountable.
- Quarter turn rotary locking sockets.
- Baked white polyester finish.
- Electronic ballast, universal voltage. (120v / 277v, 320v/480v)

AVAILABLE WITH

- Variety of lenses
- Special ballast
- Steel safety cable
- White aluminum reflector
- Motion sensor
- Wire guard
- Cord and plug

EBY450-8-4M-SR-CA-E5H

TEST NO.=LA-T1441
LAMP TYPE=F54T5HO
NO. OF LAMP=8
LUMENS PER LAMP=5000
WATTS PER LAMP=54
BALLAST FACTOR=1
PHOTOMETRY TYPE=C



CANDLEPOWER

Angle	End	45	Cross
0	14642	14642	14642
5	13829	14136	14775
15	13685	13202	12512
25	13181	11405	10540
35	10785	9395	8866
45	8980	7382	7196
55	6350	5437	5350
65	3687	3517	3602
75	1615	1736	2120
85	267	369	386
90	3	3	4
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	10472	26.2	31.4
0-40	16509	41.3	49.6
0-60	27562	68.9	82.7
0-90	33309	83.3	100
90-120	1	0.0	0
90-130	1	0.0	0
90-150	1	0.0	0
90-180	1	0.0	0
0-180	33309	83.3	100

Luminaire Efficiency = 83.3%

SPACING CRITERION

ALONG	ACROSS
1.20	1.00



LOS ANGELES LIGHTING MFG. CO.

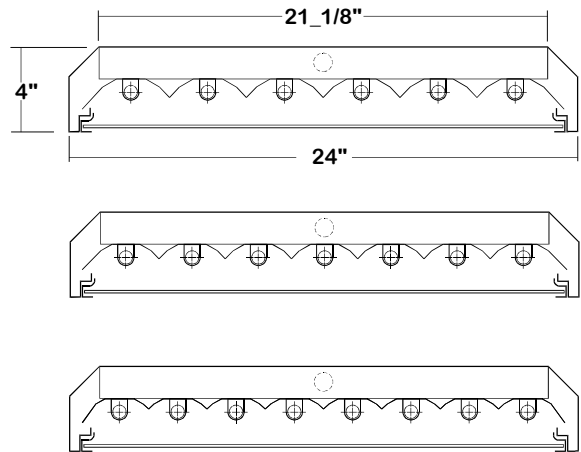
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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



EBY450 SERIES

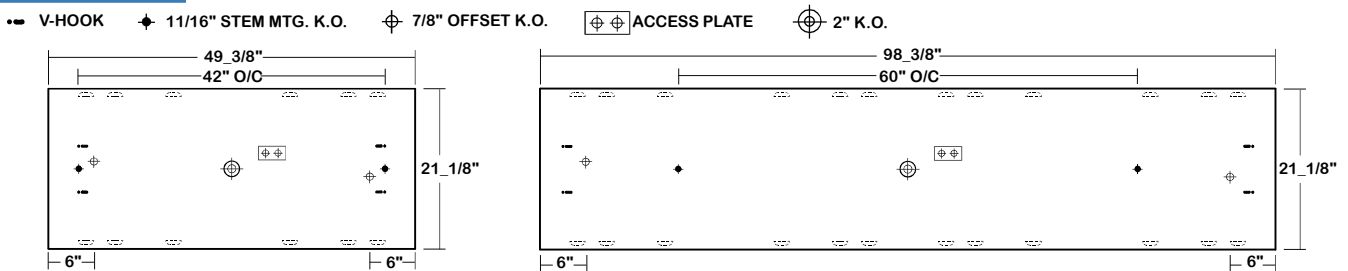


● ALUMINUM REFLECTOR SECURED WITH QUARTER TURN FASTENERS FOR EASE OF MAINTENANCE.

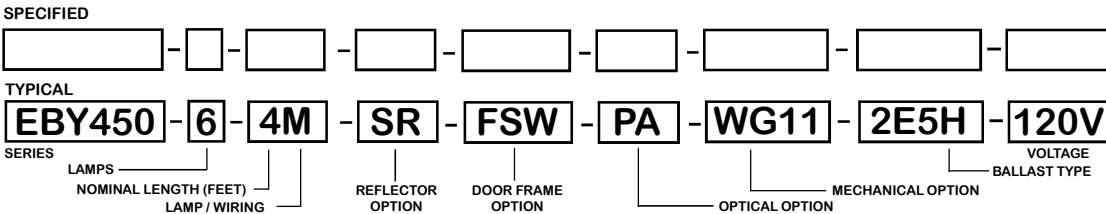
CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
EBY450-6-4M	4'	6	EBY450-6-4R	4'	6
EBY450-7-4M	4'	7	EBY450-7-4R	4'	7
EBY450-8-4M	4'	8	EBY450-8-4R	4'	8
EBY450-6-8MT	8'	12	EBY450-6-8RT	8'	12
EBY450-7-8MT	8'	14	EBY450-7-8RT	8'	14
EBY450-8-8MT	8'	16	EBY450-8-8RT	8'	16

BACK PLATE



ORDERING GUIDE



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

OPTIONS and ACCESSORIES

<ul style="list-style-type: none"> ● BALLAST OPTIONS <table border="0"> <tr> <td>Electronic Ballast T5</td> <td>PAGE REF-1</td> <td>E5</td> </tr> <tr> <td>Electronic Ballast T5 HO</td> <td>E5H</td> <td></td> </tr> <tr> <td>Electronic T5 HO Dimming Ballast</td> <td>E5HDM</td> <td></td> </tr> <tr> <td>Electronic Ballast T8</td> <td>*</td> <td></td> </tr> <tr> <td>Electronic Dimming Ballast</td> <td>EDM</td> <td></td> </tr> <tr> <td>Digital Addressable Ballast</td> <td>DAB</td> <td></td> </tr> </table> ● DOOR FRAME OPTIONS <table border="0"> <tr> <td>Flat Steel Door Frame / White Finish</td> <td>SUFFIX</td> <td>FSW</td> </tr> <tr> <td>Flat Steel Door Frame / Black Finish</td> <td>FSB</td> <td></td> </tr> </table> 	Electronic Ballast T5	PAGE REF-1	E5	Electronic Ballast T5 HO	E5H		Electronic T5 HO Dimming Ballast	E5HDM		Electronic Ballast T8	*		Electronic Dimming Ballast	EDM		Digital Addressable Ballast	DAB		Flat Steel Door Frame / White Finish	SUFFIX	FSW	Flat Steel Door Frame / Black Finish	FSB		<ul style="list-style-type: none"> ● ELECTRICAL OPTIONS <table border="0"> <tr> <td>Emergency Battery Pack</td> <td>PAGE REF-2</td> <td>*</td> </tr> <tr> <td>External Line Fusing (HLR/GLR)</td> <td>ELF</td> <td></td> </tr> <tr> <td>Radio Interference Filters</td> <td>RIF</td> <td></td> </tr> <tr> <td>Motion Sensor</td> <td>MS</td> <td></td> </tr> </table> ● OPTICAL OPTIONS <table border="0"> <tr> <td>Clear Acrylic</td> <td>PAGE REF-3</td> <td>CA</td> </tr> <tr> <td>Clear Prismatic Acrylic</td> <td>PA</td> <td></td> </tr> <tr> <td>Flat White Acrylic</td> <td>FWA</td> <td></td> </tr> <tr> <td>Other Lens Available Upon Request</td> <td>*</td> <td></td> </tr> </table> 	Emergency Battery Pack	PAGE REF-2	*	External Line Fusing (HLR/GLR)	ELF		Radio Interference Filters	RIF		Motion Sensor	MS		Clear Acrylic	PAGE REF-3	CA	Clear Prismatic Acrylic	PA		Flat White Acrylic	FWA		Other Lens Available Upon Request	*		<ul style="list-style-type: none"> ● MECHANICAL OPTIONS <table border="0"> <tr> <td>Damp Location</td> <td>PAGE REF-4,5&6</td> <td>DL</td> </tr> <tr> <td>Wire Guard - 11 Ga.</td> <td>WG11</td> <td></td> </tr> <tr> <td>Fixture Suspending System</td> <td>*</td> <td></td> </tr> <tr> <td>Ceiling Spacer</td> <td>*</td> <td></td> </tr> <tr> <td>V-Hooks For Chain MTG.</td> <td>V-6</td> <td></td> </tr> </table> ● REFLECTOR OPTIONS <table border="0"> <tr> <td>Specular Aluminum Reflector, 95%</td> <td>SUFFIX</td> <td>SR</td> </tr> <tr> <td>White Aluminum Reflector</td> <td>WR</td> <td></td> </tr> </table> 	Damp Location	PAGE REF-4,5&6	DL	Wire Guard - 11 Ga.	WG11		Fixture Suspending System	*		Ceiling Spacer	*		V-Hooks For Chain MTG.	V-6		Specular Aluminum Reflector, 95%	SUFFIX	SR	White Aluminum Reflector	WR	
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*See Appropriate Reference Page

SPECIFICATIONS

- **TYPE** High bay luminaire for surface or suspended 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)
- **REFLECTOR** Specular aluminum reflector standard, 95% reflectance. (White aluminum reflector available)
- **DOOR FRAME** 20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinge, positive spring loaded latch.
- **OPTICS** Nom. 125 clear acrylic lens standard. Extensive variety of lenses, diffusers and louvers available.
- **FINISH** Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
- **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.



Made in the U.S.A.