

High-Bay Luminaires

EBY451

High Bay Luminaire w/ Uplight

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



FEATURES

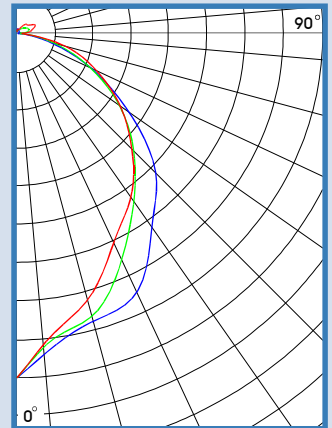
- Up-Light.
- T-Hinge and spring loaded latch door assembly.
- Clear prismatic acrylic lens.
- Miro 4 specular enhanced aluminum reflector, 95% reflectance.
- Removable wiring accessed plate.
- Stem, cable, and chain mountable.
- Quarter turn rotary locking sockets.
- Baked white polyester finish.
-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

AVAILABLE WITH

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

EBY451-8-4M-SR-U-CA-E5H

TEST NO.=LA-T1456
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	14306	14306	14306
5	13350	13052	12936
15	12361	12133	11425
25	11820	10312	9533
35	9765	8458	8255
45	8134	6839	6731
55	5652	5169	5219
65	3370	3331	3624
75	1420	1660	2092
85	243	368	376
90	27	111	205
95	82	303	436
105	103	498	658
115	118	497	827
125	109	384	600
135	125	311	537
145	149	199	357
155	126	173	182
165	169	134	170
175	176	123	150
180	65	65	65

ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	9520	23.8	29.0
0-40	15007	37.5	45.7
0-60	25290	63.2	77.0
0-90	30794	77.0	93.7
90-120	1206	3.0	3.7
90-130	1537	3.8	4.7
90-150	1927	4.8	5.9
90-180	2059	5.1	6.3
0-180	32853	82.1	100

Luminaire Efficiency = 82.1%

SPACING CRITERION

ALONG	ACROSS
1.13	0.92



LOS ANGELES LIGHTING MFG. CO.

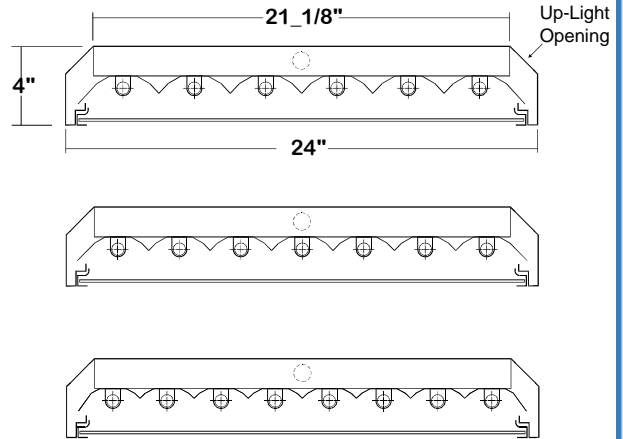
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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



EBY451 SERIES

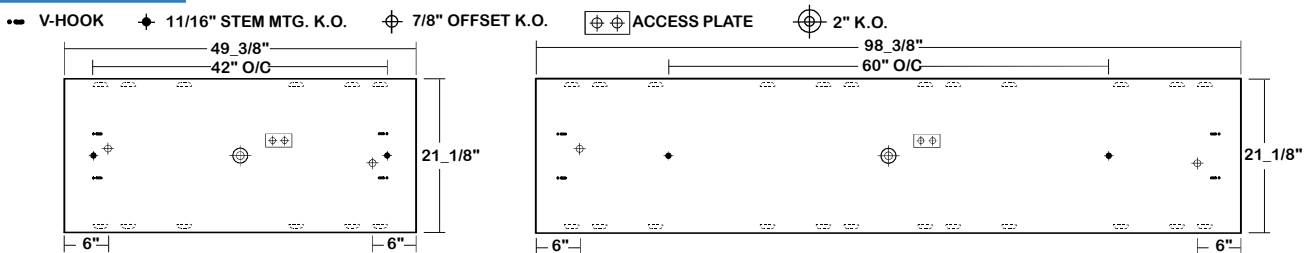


● ALUMINUM REFLECTOR SECURED WITH QUARTER TURN FASTENERS FOR EASE OF MAINTENANCE.

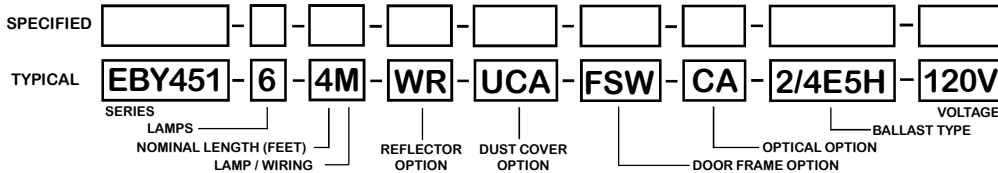
CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
EBY451-6-4M	4'	6	EBY451-6-4R	4'	6
EBY451-7-4M	4'	7	EBY451-7-4R	4'	7
EBY451-8-4M	4'	8	EBY451-8-4R	4'	8
EBY451-6-8MT	8'	12	EBY451-6-8RT	8'	12
EBY451-7-8MT	8'	14	EBY451-7-8RT	8'	14
EBY451-8-8MT	8'	16	EBY451-8-8RT	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 <ul style="list-style-type: none"> Electronic Ballast T5 E5 Electronic Ballast T5 HO E5H Electronic T5 HO Dimming Ballast E5HDM Electronic Ballast T8 * Electronic Dimming Ballast EDM Digital Addressable Ballast DAB ● OPTICAL OPTIONS <ul style="list-style-type: none"> Clear Acrylic CA Clear Prismatic Acrylic PA Flat White Acrylic FWA Other Lens Available Upon Request * 	<p>PAGE REF-1</p>	<ul style="list-style-type: none"> ● ELECTRICAL OPTIONS <ul style="list-style-type: none"> Emergency Battery Pack * External Line Fusing (HLR/GLR) ELF Radio Interference Filters RIF Motion Sensor MS ● MECHANICAL OPTIONS <ul style="list-style-type: none"> Damp Location DL Wire Guard - 11 Ga. WG11 Fixture Suspending System * Ceiling Spacer * V-Hooks For Chain MTG. V-6 	<p>PAGE REF-2</p>	<ul style="list-style-type: none"> ● DOOR FRAME OPTIONS <ul style="list-style-type: none"> Flat Steel Door Frame / White Finish FSW Flat Steel Door Frame / Black Finish FSB ● REFLECTOR OPTIONS <ul style="list-style-type: none"> Specular Aluminum Reflector, 95% SR White Aluminum Reflector WR ● DUST COVER OPTIONS <ul style="list-style-type: none"> Up-light w/ Clear Acrylic Cover UCA Up-light w/ Clear Prismatic Acrylic Cover UPA 	<p>SUFFIX</p>
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*See Appropriate Reference Page

SPECIFICATIONS

<ul style="list-style-type: none"> ● TYPE ● CONSTRUCTION ● REFLECTOR ● DOOR FRAME ● OPTICS ● UP_LIGHT ● FINISH ● WIRING ● LABELS 	<p>High bay luminaire for surface or suspended mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted.</p> <p>22 gauge cold rolled steel housing with louvered vents on top for heat removal.</p> <p>Quarter turn rotary locking lampholders standard. (20 ga. C.R.S. and .040 aluminum housing available as specified)</p> <p>Specular aluminum reflector standard, 95% reflectance. (White aluminum reflector available)</p> <p>20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinge, positive spring loaded latch.</p> <p>Nom. 125 clear acrylic lens standard. Extensive variety of lenses, diffusers and louvers available.</p> <p>10% up-light opening standard. Optional acrylic dust covers available.</p> <p>Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)</p> <p>120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified. Multiple levels of switching available as specified.</p> <p>U.L. Listed.</p>
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Made in the U.S.A.