



BAYLIGHTER™

EBY351 SERIES



High Bay Luminaire



- High Bay Luminaire Up-Light
- Quarter Turn Rotary Locking Sockets
- 95% Enhanced Specular Aluminum Reflectors
- Frame & Lens Assembly With Safety Cables
- Removable Wiring Access Plate
- Surface, Cable or Chain Mountable
- Available with:
 - .040 Aluminum Fixture Housing
 - 90% White Aluminum Reflectors
 - Variety of Lenses
 - 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

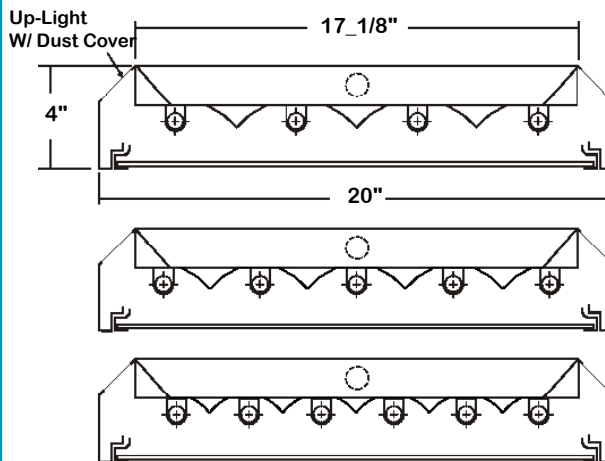
TEL : 626-454-8300 FAX : 626-454-8399

www.lalighting.com



EBY351 SERIES

CROSS SECTION



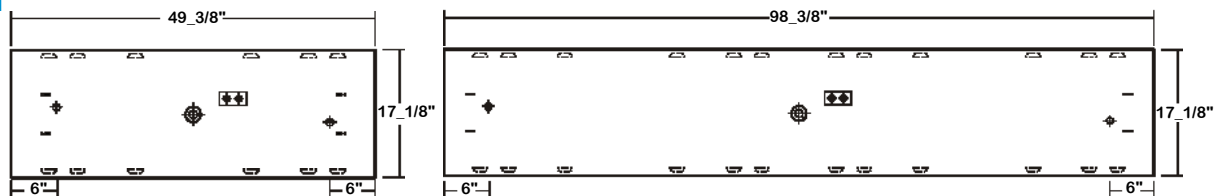
● ALUMINUM REFLECTOR SECURED WITH QUARTER TURN FASTENERS FOR EASE OF MAINTENANCE.

CATALOG NUMBER

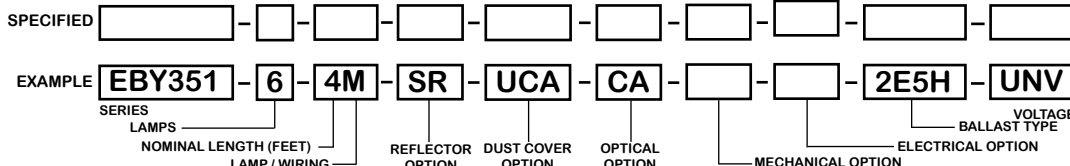
	NOMINAL LENGTH	TOTAL LAMPS		NOMINAL LENGTH	TOTAL LAMPS
EBY351-4-4M	4'	4	EBY351-4-4R	4'	4
EBY351-5-4M	4'	5	EBY351-5-4R	4'	5
EBY351-6-4M	4'	6	EBY351-6-4R	4'	6
EBY351-4-8MT	8'	8	EBY351-4-8RT	8'	8
EBY351-5-8MT	8'	10	EBY351-5-8RT	8'	10
EBY351-6-8MT	8'	12	EBY351-6-8RT	8'	12

BACK PLATE

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

DUST COVER OPTIONS

- Up-Light w/ Clear Acrylic Cover
- Up-Light w/ Clear Prismatic Acrylic Cover

SUFFIX

- UCA
- UPA

OPTICAL OPTIONS

- Clear Acrylic
- Clear Prismatic Acrylic
- Polycarbonate Lenses
- High Impact Acrylic

SUFFIX

- CA
- PA
- *
- *

* Other Lens Available Upon Request

MECHANICAL OPTIONS

- Gasketing

SUFFIX

- GSK*

ELECTRICAL OPTIONS

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

SUFFIX

- BP*
- ELF
- RIF
- MS

BALLAST OPTIONS

- Electronic Ballasts T8
- Electronic T8 Step Dimming
- Electronic Ballast T5
- Electronic Ballast T5HO
- Electronic T5HO Step Dimming

SUFFIX

- E8*
- E8SD
- E5
- E5H
- E5HSD

ACCESSORIES

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

CAT. NO.

- WG11-EBY351
- *
- *
- V6

*See appropriate reference page

SPECIFICATIONS

- TYPE
- CONSTRUCTION
- FINISH
- REFLECTOR
- DOOR FRAME
- UP LIGHT/DUST COVER
- OPTICS
- WIRE GUARDS
- WIRING
- LABELS

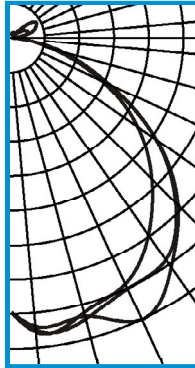
High bay luminaire for surface or chain mounting. Must be spaced a minimum of 1 1/2" from ceiling when surface mounted. 22 gauge cold rolled steel housing with louvered vents on top for heat removal. Quarter turn rotary locking lampholders standard. (20 ga. C.R.S. and .040 aluminum housing available as specified)
 Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
 Specular aluminum reflector standard, 95% reflectance. (White aluminum reflector available)
 20 ga. cold rolled steel door frame. T-hinges and positive spring loaded latches. Safety cables attached.
 10% up-light opening with clear acrylic dust covers standard.
 Clear acrylic lens standard. Extensive variety of lenses, diffusers and louvers available.
 11 ga. powder coated.
 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
 Multiple levels of switching available as specified.
 U.L. Listed. Suitable for damp locations.



PHOTOMETRIC DATA

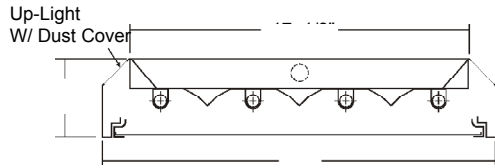
EBY351-4-4M-SR-UCA-CA-E5H

TEST NO.=LA-T2296
 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	4638	4974	4974
5	4997	5056	4812
15	4786	4892	4908
25	4562	4726	5190
35	4021	4495	4679
45	3329	3877	3912
55	2574	2961	2943
65	1655	1791	1775
75	720	786	846
85	141	136	143
90	6	11	16
95	35	68	22
105	41	308	357
115	37	319	485
125	39	231	521
135	48	87	231
145	49	94	58
155	59	92	106
165	61	61	76
175	48	79	82
180	46	73	73

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	4062	20.3	25.5
0-40	6857	34.3	43.0
0-60	12338	61.7	77.4
0-90	15015	75.1	94.2
90-120	530	2.6	3.3
90-150	860	4.3	5.4
90-180	921	4.6	5.8
0-180	15936	79.7	100.0

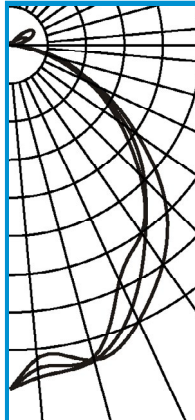


Lumen Output = 15936 lumens
 Luminaire Efficiency = 79.7%

SPACING CRITERION	
ALONG	ACROSS
1.35	1.49

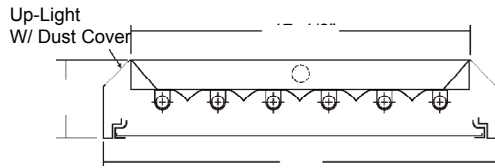
EBY351-6-4M-SR-UCA-CA-E5H

TEST NO.=LA-T2297
 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	9546	9546	9546
5	8728	9255	9006
15	9070	9067	8976
25	8435	8001	7160
35	7367	6507	6350
45	6037	5233	5067
55	4249	3924	3644
65	2628	2338	2450
75	1039	1121	1350
85	183	204	185
90	4	16	15
95	42	91	79
105	64	351	410
115	54	476	693
125	47	351	720
135	57	152	451
145	61	79	120
155	69	91	97
165	74	77	83
175	87	61	75
180	81	81	81

ZONAL LUMEN SUMMARY			
DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	7088	23.6	29.3
0-40	11286	37.6	46.6
0-60	18993	63.3	78.5
0-90	22800	76.0	94.2
90-120	798	2.7	3.3
90-150	1338	4.5	5.5
90-180	1407	4.7	5.8
0-180	24206	80.7	100.0



Lumen Output = 24206 lumens
 Luminaire Efficiency = 80.7%

SPACING CRITERION	
ALONG	ACROSS
1.23	1.05

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