BAYLIGHTER™ LED
EBY350 (2FT) SERIES (4' AVAILABLE)
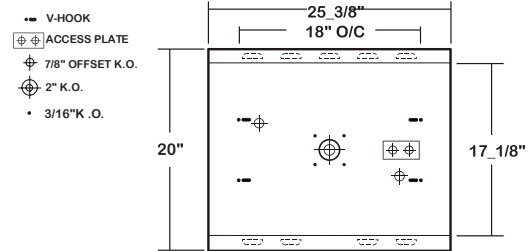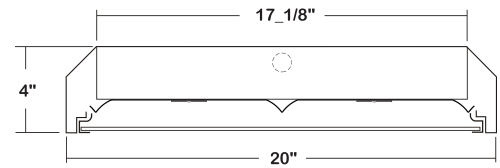ENCLOSED HIGH BAY LUMINAIRE

LA LIGHTING

SURFACE/PENDANT/SUSPENSION MOUNTED HIGH BAY LED LUMINAIRE

DIMENSIONS

17_1/8"
4"
20"

- ━ V-HOOK
- ⊕⊕ ACCESS PLATE
- ⊕ 7/8" OFFSET K.O.
- ⊕ 2" K.O.
- • 3/16"K .O.

25_3/8"
18" O/C
20"
17_1/8"

APPLICATIONS

• Commercial, Industrial, Warehouse

FEATURES

• **High (HT)** ambient temperature version available for extreme temperature ranges *(See SYSTEM DATA for ranges)*
• 0-10V dimming driver standard *(See DRIVER OPTIONS for other dimming types)*
• Supports California Title 24 compliance
• Safety cables attached to door frame and LED gear tray

OPTIONS

• Full customization available upon request
• Additional lumen packages and color temperatures available
• Controls and sensors available *(See SENSOR OPTIONS for controls and sensors)*
• Wireless control options available *(See SENSOR OPTIONS for wireless controls)*
• Custom colors available *(See CUSTOM COLORS for standard and custom options)*
• Variety of lenses available *(See OPTICAL OPTIONS for lenses)*
• Available without door and lens assembly
• Emergency battery pack available *(See BATTERY PACK OPTIONS for battery pack options)*
• 11 ga. wire guard available *(See ACCESSORIES for details)*
• Cable suspension systems available *(See ACCESSORIES for details)*

SPECIFICATIONS

CONSTRUCTION
• 22 ga. cold rolled steel housing with louvered vents for heat removal (20 ga. C.R.S. and 0.040 aluminum housing available as specified)
• 20 ga. cold rolled steel door frame secured by T-hinges and positive spring loaded latches
• One way polyurethane gasket standard *(See GASKET for gasket options)*

FINISH
• Baked white polyester finish (powder coated finish available) / minimum reflectance 86%

OPTICAL
• Clear prismatic acrylic lens standard

ELECTRICAL
• High efficiency drivers coupled with long-life LEDs
• Service life greater than 50,000 hours (L70)
• Universal voltage 120V through 277V (347V / 480V available)
• Power Factor (PF) ≥ 0.9
• Total Harmonic Distortion (THD) ≤ 20%

LISTING
• UL USA and Canada listed / suitable for damp locations

WARRANTY
• 5-year limited warranty

MADE IN THE U.S.A.

Revised 10-25-18
WARNING

ORDERING INFORMATION

EXAMPLE: EBY350-8-2L-PA2-BPL10-1DRDM-UNV-2/850HT

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL / DOOR FRAME	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
EBY350			**2L**				**1DRDM**	**UNV**		
EBY350 Enclosed High Bay LED Luminaire (Normal Ambient Temperature Version)	**8** Nom. 8000 Lumens **12** Nom. 12000 Lumens *Additional Lumen Packages Available	**(Blank)** Standard **HE** High Efficacy (Only 12000 lumens Systems)	**2L** 2'	**PA** Clear Prismatic Acrylic **PA2** Clear Prismatic Acrylic Nom. 0.125 **FPA2** Frosted Prismatic Acrylic Nom. 0.125 **XX** No Door & Lens Assembly *See OPTICAL OPTIONS for Options*	**GSKNx** Neoprene Gasket See GASKET for Options **SMA** Pendant Mounting Adapter (Safety Cable Set Included) **HUB** Aluminum Die Cast Hub (Safety Cable Set Included) *Leave Blank if Not Specified Additional Mechanical Options*	**BPL10** Emergency Battery Pack, Constant 10W Nom. 1500 lm *See BATTERY PACK OPTIONS for Options* **MSxx** Motion Sensor *See SENSOR OPTIONS for Options* *Leave Blank if Not Specified*	**1DRDM** 0-10V One Dimming Driver *See DRIVER OPTIONS for Options*	**UNV** 120V-277V *See DRIVER OPTIONS for Options*	**2** Two LED Row (Only 8000 lumens System) **4** Four LED Rows (Only 8000HE / 12000 / 12000HE lumens System)	**830** 80+CRI / 3000K Color Temp. **835** 80+CRI / 3500K Color Temp. **840** 80+CRI / 4000K Color Temp. **850** 80+CRI / 5000K Color Temp. *Additional Color Temp. Available

SERIES	LED LUMEN PACKAGE	NOMINAL LENGTH	OPTICAL / DOOR FRAME	MECHANICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT	AMBIENT TEMP.
EBY350		**2L**				**1DRDM**	**UNV**	**2**		**HT**
EBY350 Enclosed High Bay LED Luminaire (**HT** - High Ambient Temperature Version)	**8** Nom. 8000 Lumens **12** Nom. 12000 Lumens **16** Nom. 16000 Lumens *Additional Lumen Packages Available	**2L** 2'	**PA** Clear Prismatic Acrylic **PA2** Clear Prismatic Acrylic Nom. 0.125 **FPA2** Frosted Prismatic Acrylic Nom. 0.125 **XX** No Door & Lens Assembly *See OPTICAL OPTIONS for Options*	**GSKNx** Neoprene Gasket See GASKET for Options **SMA** Pendant Mounting Adapter (Safety Cable Set Included) **HUB** Aluminum Die Cast Hub (Safety Cable Set Included) *Leave Blank if Not Specified Additional Mechanical Options*	**BPL10** Emergency Battery Pack, Constant 10W Nom. 1500 lm *See BATTERY PACK OPTIONS for Options* **MSxx** Motion Sensor *See SENSOR OPTIONS for Options* *Leave Blank if Not Specified*	**1DRDM** 0-10V One Dimming Driver *See DRIVER OPTIONS for Options*	**UNV** 120V-277V *See DRIVER OPTIONS for Options*	**2** Two LED Rows	**835** 80+CRI / 3500K Color Temp. **840** 80+CRI / 4000K Color Temp. **850** 80+CRI / 5000K Color Temp. *Additional Color Temp. Available	**HT** High Ambient Temp.

PERFORMANCE DATA

VIEW PHOTOMETRICS

Los Angeles Lighting Mfg. Co.

Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com

MADE IN THE U.S.A.

Revised 10-25-18

WARNING

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

NOMINAL SIZE	LED LUMEN PACKAGE	CRI / CCT	AMBIENT TEMP.	OPTICAL	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	FLUORESCENT / HID / CFL EQUIVALENT	IES FILES
2'	8000 lm	850	HT	FPA2	6932 lm	51.8 W	133.7 lm/W	4-F32T8, 175 W (MH), 4-BX40	*
		850	HT	PA	7054 lm	51.8 W	136.1 lm/W		*
		850	HT	XX	8297 lm	51.8 W	160.0 lm/W		*
		850	Normal	FPA2	6768 lm	53.8 W	125.8 lm/W		*
		850	Normal	PA	6888 lm	53.8 W	128.1 lm/W		*
		850	Normal	XX	8101 lm	53.8 W	150.6 lm/W		*
	8000HE lm	850	Normal	FPA2	7002 lm	51.8 W	135.1 lm/W	4-F32T8, 175 W (MH), 4-BX40	*
		850	Normal	PA	7089 lm	51.8 W	136.7 lm/W		*
		850	Normal	XX	8314 lm	51.8 W	160.4 lm/W		*
	12000 lm	850	HT	FPA2	10283 lm	79.3 W	129.7 lm/W	6-F24T5HO, 250 W (MH), 4-BX55	*
		850	HT	PA	10465 lm	79.3 W	132.0 lm/W		*
		850	HT	XX	12309 lm	79.3 W	155.3 lm/W		*
		850	Normal	FPA2	9798 lm	104.6 W	93.6 lm/W		*
		850	Normal	PA	9921 lm	104.6 W	94.8 lm/W		*
		850	Normal	XX	11636 lm	104.6 W	111.2 lm/W		*
	12000HE lm	850	Normal	FPA2	10387 lm	79.3 W	131.0 lm/W	6-F24T5HO, 250 W (MH), 4-BX55	*
		850	Normal	PA	10517 lm	79.3 W	132.7 lm/W		*
		850	Normal	XX	12335 lm	79.3 W	155.6 lm/W		*
	16000 lm	850	HT	FPA	13537 lm	107.6 W	125.8 lm/W	8-F24T5HO, 400 W (MH), 8-BX40	*
		850	HT	PA	13774 lm	103.3 W	133.3 lm/W		LA-T3135
		850	HT	XX	16203 lm	107.6 W	150.6 lm/W		*

NOTE:
System data above is based on 120V input voltage.
Actual performance may differ as a result of end-user environment and application.
HT: High Ambient Operating Temperature Minimum -30°C / Maximum (please consult factory)
Normal: This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range from -20°C to 35°C.

Additional lumen packages and color temperatures available.

MADE IN THE U.S.A.

SENSOR OPTIONS

DRY AND DAMP LOCATIONS - HIGH / LOW AISLE MOUNTING APPLICATIONS - END MOUNT

MS - Motion Sensor
• Turns light ON/OFF based on motion detection
• Fixture mounting height 8-45'
• Universal Voltage (120V-277V)
• 480V available

MSSD - Motion Sensor – Step Dimming
• Step-dims light to desired preset level (based on motion detection)
• Used in conjunction with 0-10V Ballast/Driver
• Fixture mounting height 8-45'
• Universal Voltage (120V-277V)

MSPC - Motion Sensor & Photocell
• Holds lights OFF when sufficient daylight is present regardless of motion detection
• Fixture mounting height 8-45'
• Universal Voltage (120V-277V)

MSPCD(ADC) - Motion Sensor & PhotoCell Dimming (Auto Dim Control)
• Variably dims output to desired preset footcandle level through photocell ON/OFF with motion detection
• Used in conjunction with 0-10V Ballast/Driver
• Fixture mounting height 8-45'
• Universal Voltage (120V-277V)

MSPCD(ANL) - Motion Sensor & Photocell Dimming (Auto Night Light)
• Variably dims output to desired footcandles through photocell
• Low setting when unoccupied (full on with motion)
• For 24 hour use
• Used in conjunction with 0-10V Ballast/Driver
• Fixture mounting height 8-45'
• Universal Voltage (120V-277V)

MSPCDR - Motion Sensor & Photocell Dimming (Setup with Remote Control)
• Field adjustable dimming sensor capabilities:
  - Step Dim (HIGH/LOW output)
  - Auto Dim Control (dim to desired footcandles, ON/OFF with motion)
  - Auto Night Light (dim to desired footcandles, LOW without motion)
• Used in conjunction with 0-10V dimming Ballast /Driver
• Holds lights OFF when sufficient daylight is present regardless of motion detection
• Adjustable ramp up and fade down time
• Fixture mounting height 8-40'
• Universal Voltage (120V-277V)
• Remote setup and adjustment with handheld wireless tool (sold separately)
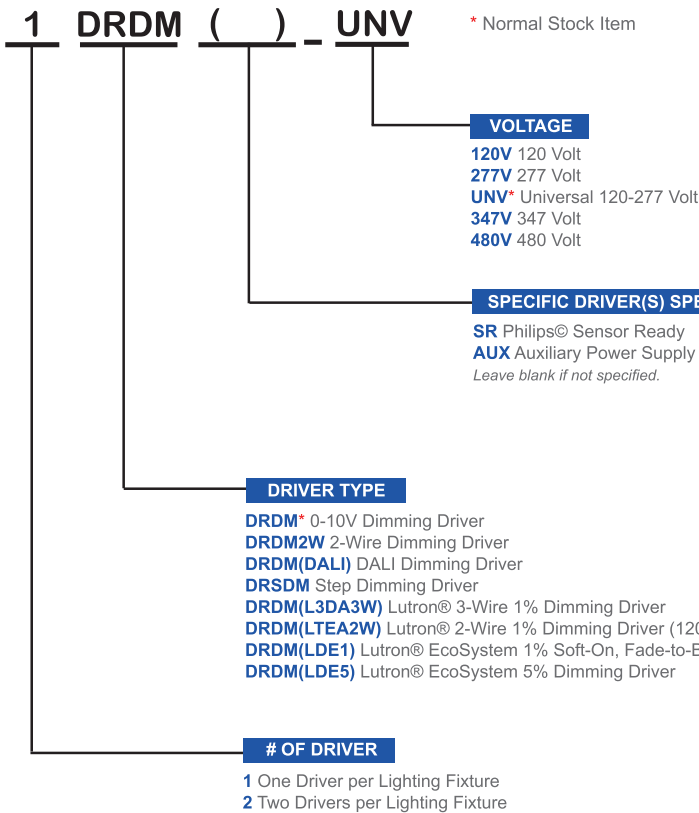
PCS - Photocell Sensor
• Turns light ON/OFF based on light levels
• Fixture mounting height 8-45'
• Universal Voltage (120V-277V)

PCD - Photocell Dimming
• Dims output to desired footcandles through photocell
• Used in conjunction with 0-10V Ballast/Driver
• Fixture mounting height 8-45'
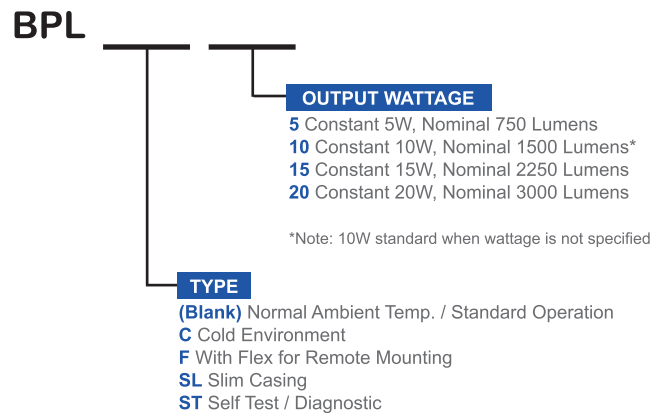• Universal Voltage (120V-277V)

DRIVER OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.

1 DRDM ( ) – UNV

* Normal Stock Item

VOLTAGE
120V 120 Volt
277V 277 Volt
UNV* Universal 120-277 Volt
347V 347 Volt
480V 480 Volt

SPECIFIC DRIVER(S) SPECIFIED
SR Philips© Sensor Ready
AUX Auxiliary Power Supply
Leave blank if not specified.

DRIVER TYPE
DRDM* 0-10V Dimming Driver
DRDM2W 2-Wire Dimming Driver
DRDM(DALI) DALI Dimming Driver
DRSDM Step Dimming Driver
DRDM(L3DA3W) Lutron® 3-Wire 1% Dimming Driver
DRDM(LTEA2W) Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
DRDM(LDE1) Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
DRDM(LDE5) Lutron® EcoSystem 5% Dimming Driver

 # OF DRIVER
1 One Driver per Lighting Fixture
2 Two Drivers per Lighting Fixture

BATTERY PACK OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY PACK OPTION WORKS WITH THIS FIXTURE.

BPL

OUTPUT WATTAGE
5 Constant 5W, Nominal 750 Lumens
10 Constant 10W, Nominal 1500 Lumens*
15 Constant 15W, Nominal 2250 Lumens
20 Constant 20W, Nominal 3000 Lumens

*Note: 10W standard when wattage is not specified

TYPE
(Blank) Normal Ambient Temp. / Standard Operation
C Cold Environment
F With Flex for Remote Mounting
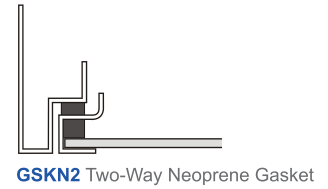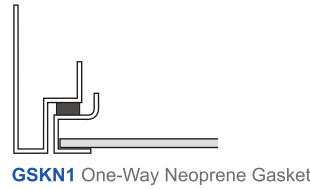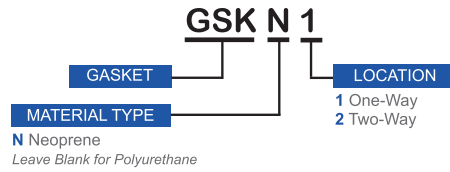**SL** Slim Casing
ST Self Test / Diagnostic

Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice.
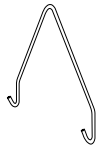Please visit our website to view the most current information.

MADE IN THE U.S.A.

Revised 10-25-18

WARNING

GASKET

GSK N 1

GASKET

MATERIAL TYPE

N Neoprene
Leave Blank for Polyurethane

LOCATION

1 One-Way
2 Two-Way

GSKN1 One-Way Neoprene Gasket

GSKN2 Two-Way Neoprene Gasket

OPTICAL OPTIONS

STANDARD LENSES FOR EBY350

PA	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
FPA2	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness
PA2	Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
CA	Clear Acrylic, No Thickness Specified
DRP2	High Impact Clear Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
DRP8	High Impact Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base

ADDITIONAL AVAILABLE LENSES
(Not all optics suitable for fixture. Please consult factory to ensure selected optical option suits fixture. Please consult factory regarding any optical options not shown)

EXTRUDED PRISMATIC PATTERNS

PA3	Clear Prismatic Acrylic, Min. 0.125 OA Thickness, Female Prisms 3/16 Square Base
PA8	Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base
P15	Clear Prismatic Acrylic, Nom. 0.200 OA Thickness, Female Prisms 3/8 Square Base
P195	Clear Prismatic Acrylic, Nom. 0.150 OA Thickness, Male Conical Prisms 3/16 Square Base
P198	Clear Prismatic Acrylic, Nom. 0.187 OA Thickness, Male Conical Prisms 3/16 Square Base
PWA2	White Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
P3E	3E Batwing Pattern Lens
P195RF	Clear Prismatic Acrylic, 19 Shunts Radio Frequencies To Ground, Nom. 0.150 OA Thickness
PA2UV	Clear Prismatic Acrylic, UV Blocking, Nom. 0.125 OA Thickness

FLAT DIFFUSERS

FWA	Flat White Acrylic, No Thickness Speficied, Stippled Finish	**FWA2**	Flat White Acrylic, Nom. 0.125 Thickness, Stippled Finish
FFA	Frosted Flat Acrylic, No Thickness Specified	**FFA2**	Frosted Flat Acrylic, Nom. 0.125 Thickness
CA8	Clear Acrylic, Nom. 0.187 OA Thickness	**CA2**	Clear Acrylic, Nom. 0.125 OA Thickness

HIGH IMPACT

VL25	Clear Polycarbonate, Nom. 0.125 Thickness with 0.125 Clear Prismatic Acrylic Overlay
VL37	Clear Polycarbonate, Nom. 0.250 Thickness with 0.125 Clear Prismatic Acrylic Overlay
CPC2	Clear Polycarbonate, Nom. 0.125 OA Thickness
CPC8	Clear Polycarbonate, Nom. 0.187 OA Thickness
PPC2	Clear Prismatic Polycarbonate, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base
PPC8	Clear Prismatic Polycarbonate, Nom. 0.187 OA Thickness, Female Prisms 3/16 Square Base
DRP3	High Impact Clear Prismatic Acrylic, Min. 0.125 OA Thickness, Female Prisms 3/16 Square Base

Los Angeles Lighting Mfg. Co.
Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com

MADE IN THE U.S.A.

Revised 10-25-18

WARNING

ACCESSORIES

V6
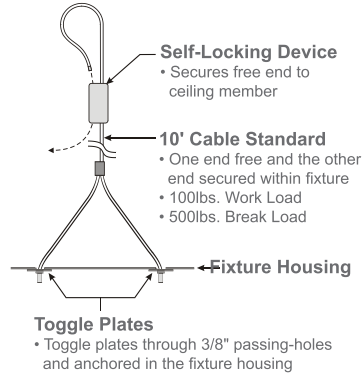• 6" Leg Height V-Hook
• Two (2) per fixture

WG11-EBY350
• 11 ga. Wire Guard
• Chrome epoxy powder coated finish

Cable Suspension System
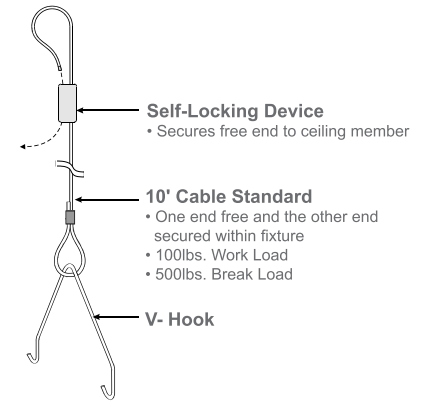• See Mechanical Options for additional Cable Suspension Systems

YTCS10
• Y-Toggle-End / Cable Suspension System

Self-Locking Device
• Secures free end to ceiling member

10' Cable Standard
• One end free and the other end secured within fixture
• 100lbs. Work Load
• 500lbs. Break Load

Fixture Housing

Toggle Plates
• Toggle plates through 3/8" passing-holes and anchored in the fixture housing

V6CS10
• V-Hook / Cable Suspension System
• Cable set with V6 hooks

Self-Locking Device
• Secures free end to ceiling member

10' Cable Standard
• One end free and the other end secured within fixture
• 100lbs. Work Load
• 500lbs. Break Load

V- Hook

CUSTOM COLORS

BLK - Matte Black   **CS - Camaro Silver**   **BZ - Statuary Bronze**

Variety of RAL colors & Axalta/DuPont colors available upon request.

Los Angeles Lighting Mfg. Co.
Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
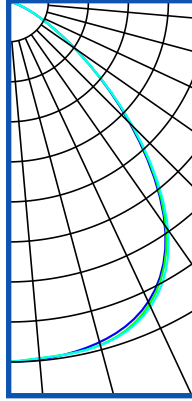T: 626-454-8300
F: 626-454-8399
www.lalighting.com

MADE IN THE U.S.A.

Revised 10-25-18

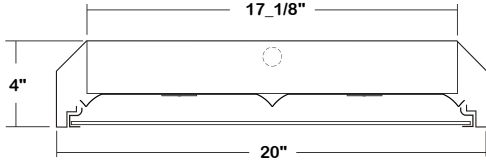**WARNING**

PHOTOMETRIC DATA - EBY350 2FT SERIES

EBY350-16-2L-PA-1DRDM-UNV-2/850HT

TEST NO.=LA-T3135
LED TYPE= 144 LED MODULE
NO. OF MODULE=3
SYSTEM WATT (W)=103.3

CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE=C

17_1/8"

4"

20"

CANDLEPOWER

ANGLE	END	45	CROSS
0	6989	6989	6989
5	6966	6943	6946
15	6839	6895	6902
25	6425	6479	6531
35	5298	5334	5408
45	3342	3398	3416
55	1568	1557	1558
65	579	588	588
75	170	168	169
85	26	25	25
90	1	1	1
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	5613	32.8	40.8
0-40	8970	52.5	65.1
0-60	12994	76.0	94.3
0-90	13775	80.6	100.0
90-120	0.0	0.0	0.0
90-150	0.0	0.0	0.0
90-180	0.0	0.0	0.0
0-180	13775	80.6	100.0

Luminaire Output= 13774 lumens
Luminaire Efficacy= 133.3 lm/W

SPACING CRITERION

ALONG	ACROSS
1.23	1.25

This Space is intentionally left blank.

This Space is intentionally left blank.

This Space is intentionally left blank.

LOS ANGELES LIGHTING MFG. CO. 10141 OLNEY ST. / EL MONTE, CA 91731
TEL 626-454-8300 | FAX 626-454-8399 | www.lalighting.com

EBY350 (2FT)