E3SB

LED Area Light

energetic
Smarter lighting



*Slip-fitter mounting bracket included

The E3SB series area light from Energetic is a thoughtful recreation of the classic shoebox area light fixture, combined with the best of leading LED technology. The fixture footprint gives that classic look, while the slim tapered, self-cleaning profile suggests exceptional performance. The tested efficacy of 140 LM/W is offered across the family wattages from 100W through 350W. This makes the E3SB series ideal for replacing legacy fixtures from 250W to 1000W MH. Options include multiple mounting configurations and NEMA PC receptacle. Other key features include: Bottom side access door, large area heat sinking above arrays, single panel optics, standard SPD of 10 KA, and low EPA ratings. Ships with an adjustable slip-fitter mount with optional fixed arm and yoke mount also available separately, see mounting options below for more information.

Features

- Full cutoff light profile
- Ground facing access door
- Modern and efficient design
- Suitable for wet location use
- Multiple optic variations available
- Matte brown TGIC polyester color finish
- 0-10 dimming
- 10 KA SPD surge protection
- Slip-fitter mount (included)
- Optional fixed arm and yoke mount

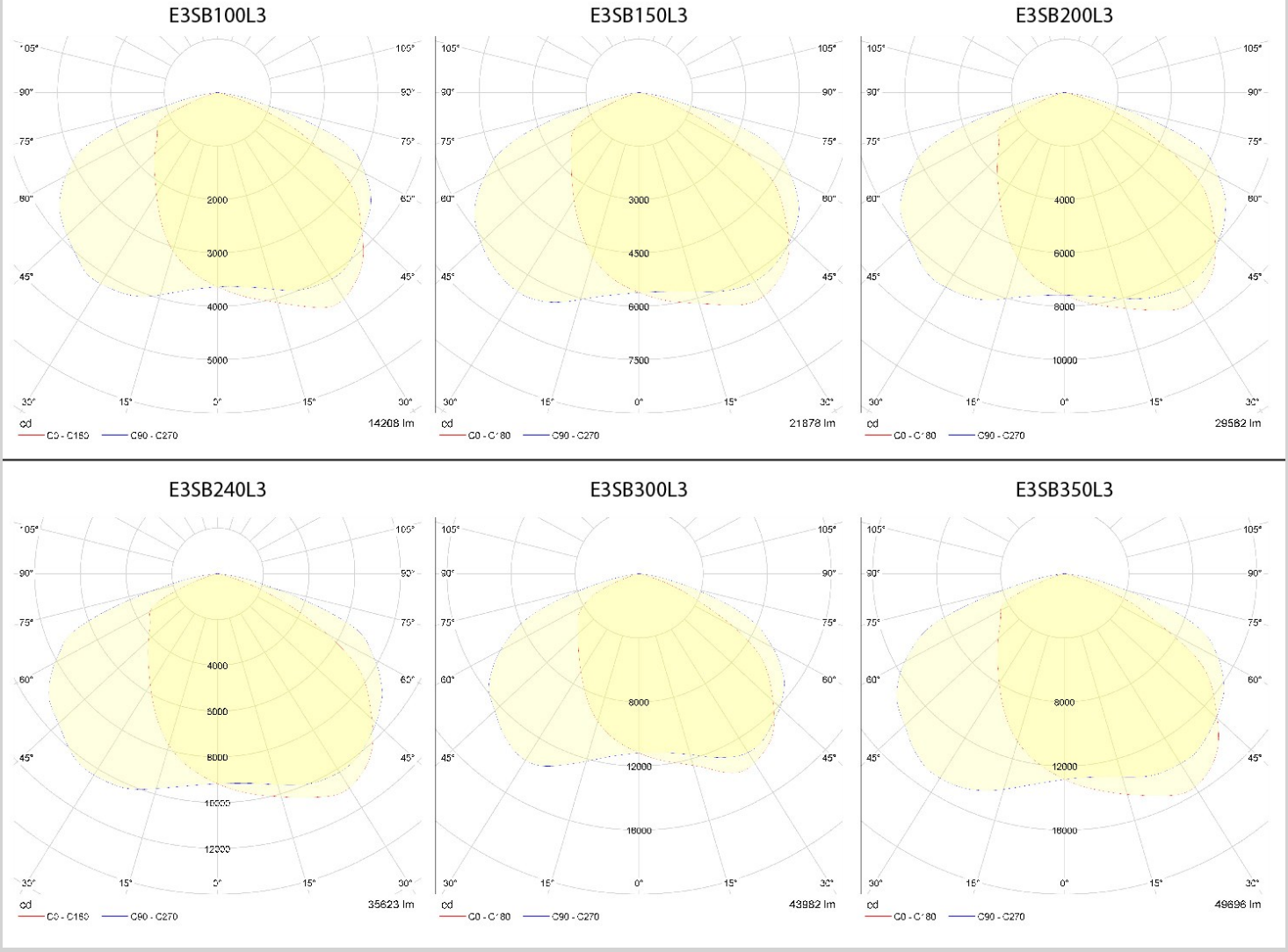
Applications

- Commercial locations
- Parking lots
- Site and street lighting
- General area lighting

Specification

Order Number	75041	75043	75045	75047	75049
Model Number	E3SB100L3-750	E3SB150L3-750	E3SB240L3-750	E3SB300L3-750	E3SB350L3-750
Configuration	with Photocell	with Photocell	with Photocell	with Photocell	with Photocell
Body Color/Finish	Dark Brown	Dark Brown	Dark Brown	Dark Brown	Dark Brown
Optical Distribution	Type III	Type III	Type III	Type III	Type III
Lumen Output	14584 LM	22388 LM	36435 LM	44640 LM	50505 LM
Luminous Efficacy	146 LM/W	144 LM/W	143 LM/W	141 LM/W	138 LM/W
Input Power	100 W	156 W	254 W	315 W	366 W
Equivalent Wattage	equiv. 250W MH	equiv. 400W MH	equiv. 500W MH	equiv. 750W MH	equiv. 1000W MH
Input Voltage	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac
Power Factor	0.89	0.91	0.94	0.91	0.92
THD	0.23	0.17	0.13	0.17	0.16
Color Temp (CCT)	5000 K	5000 K	5000 K	5000 K	5000 K
Color Rend (CRI)	70	70	70	70	70
Lifetime Rating	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	10 Years	10 Years	10 Years	10 Years	10 Years
Dimmability	0-10v	0-10v	0-10v	0-10v	0-10v
Operating Temp	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)	-40 to 104 (Â°F)
Environment	Wet Location	Wet Location	Wet Location	Wet Location	Wet Location
DLC	DLC-P	DLC-P	DLC-P	DLC-P	DLC-P
Safety Cert	UL	UL	UL	UL	UL
Weight	11 LBS	11 LBS	19 LBS	19 LBS	19 LBS
Dimensions	17x10.2x3.6 (in)	17x10.2x3.6 (in)	19.3x17x3.6 (in)	19.3x17x3.6 (in)	19.3x17x3.6 (in)

Photometric Data

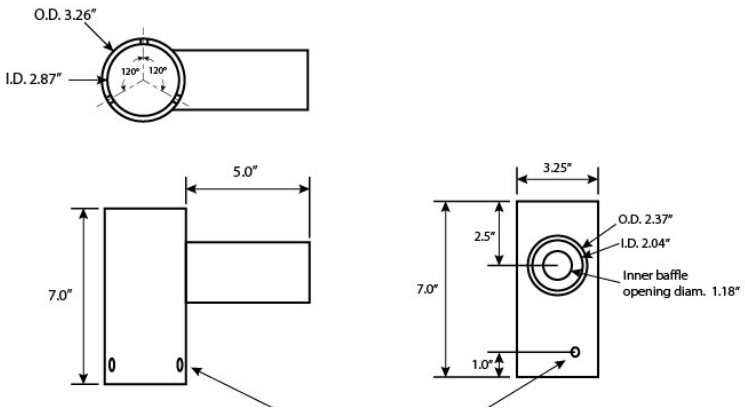


Options and Accessories

Tenon adapters and options

E1ST-TN1

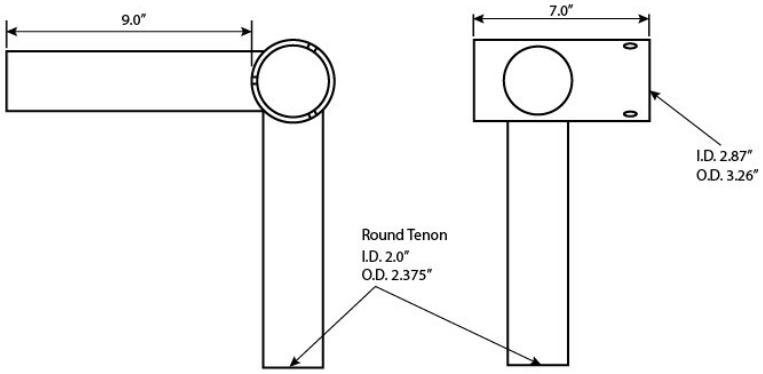






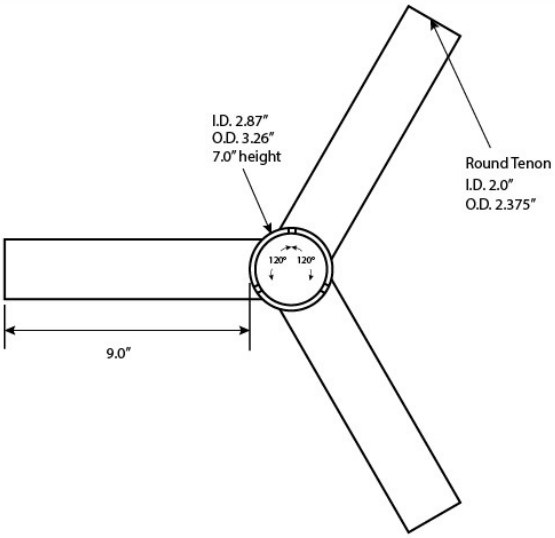
E1ST-TN2





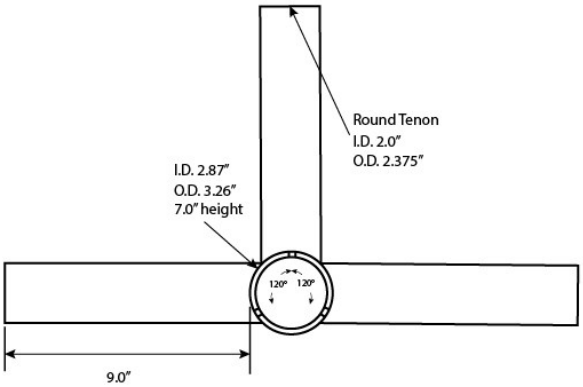
E1ST-TN3





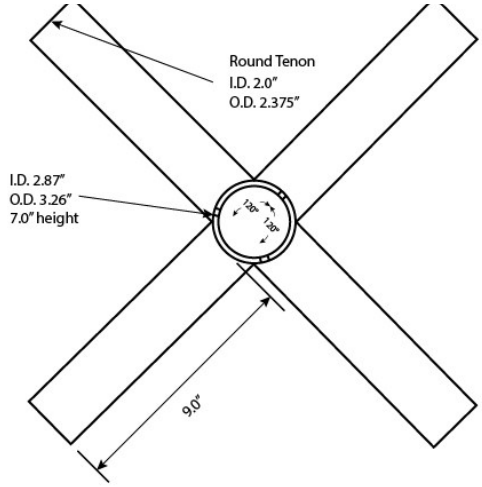
E1ST-TN3A





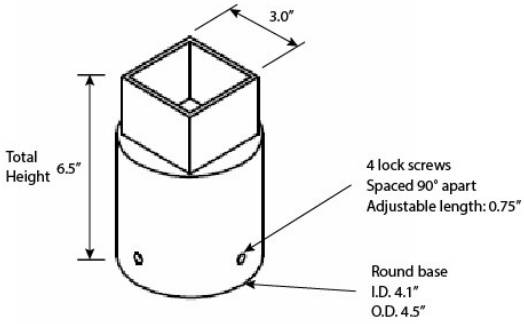
E1ST-TN4





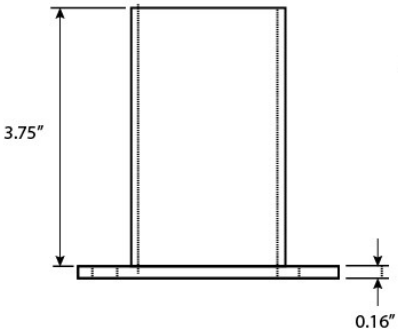
E1MNT-TRAN4

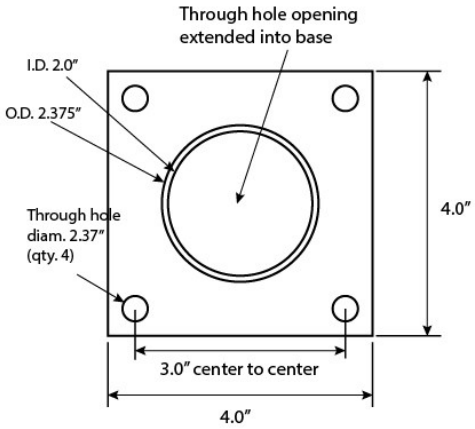




E1MNT-TNH1

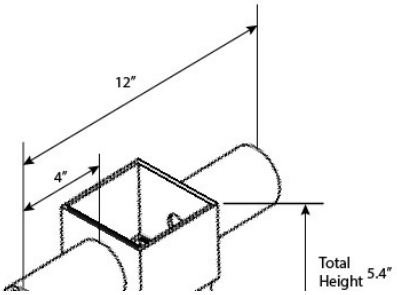




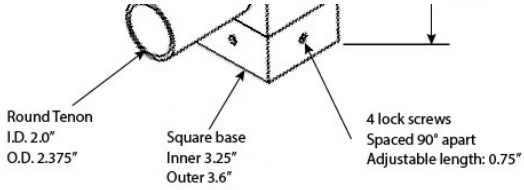


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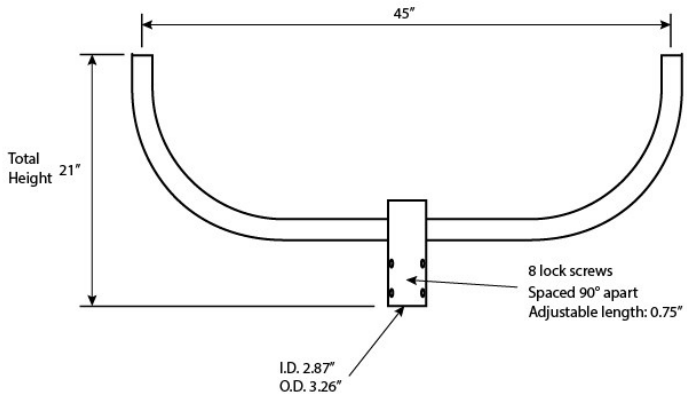






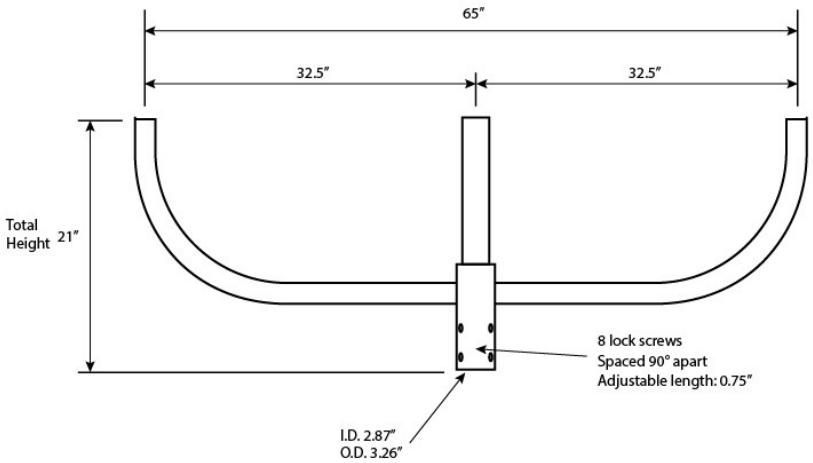
E1MNT-BH2





E1MNT-BH3

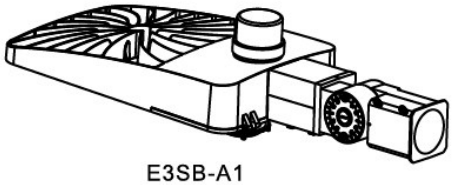




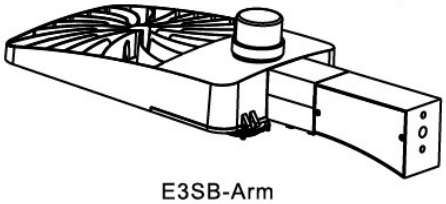
Supplementals Information

Mounting adapter options

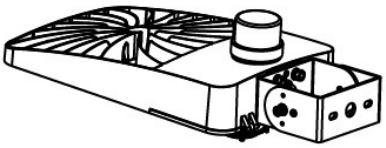
Three mounting options are available for the E3SB series shoebox fixtures. Included by default is E3SB-A1 which is an adjustable round slip-fitter adapter that accommodates a variety of tenon angles. E3SB-ARM is a fixed-angle extension that mounts to either the flat face of a rectangular post, or round post. E3SB-SVL is a general purpose yoke adater for flood light applications.



E3SB-A1
Round Slip-fitter
(included by default)



E3SB-Arm
Post Surface

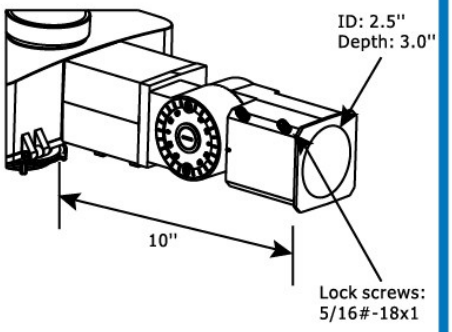


E3SB-SVL
Yoke adapter

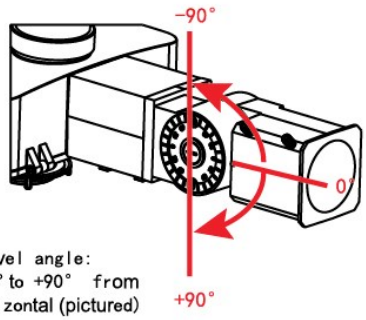
Specifications

E3SB-A1

General Dimensions



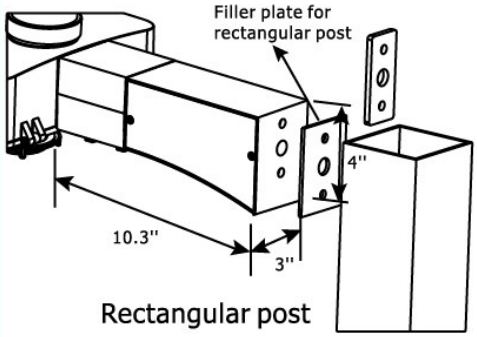
Adjustable swing angle range



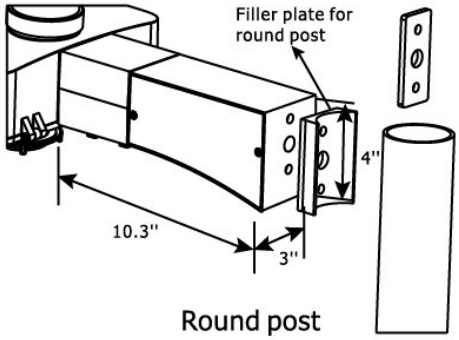
Swivel angle:
-90° to +90° from horizontal (pictured)

E3SB-ARM

General Dimensions

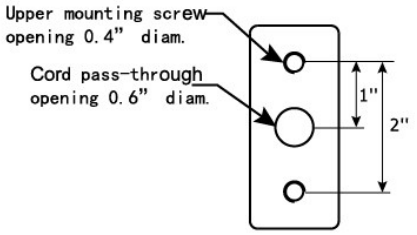


Rectangular post



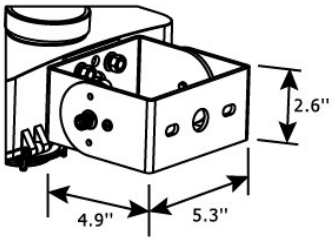
Round post

Bracket mounting pattern

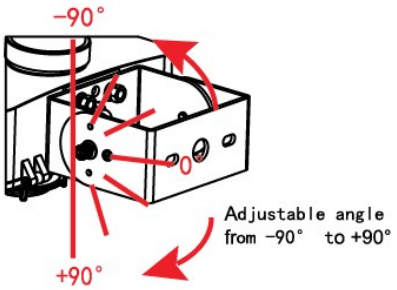


E3SB-SVL

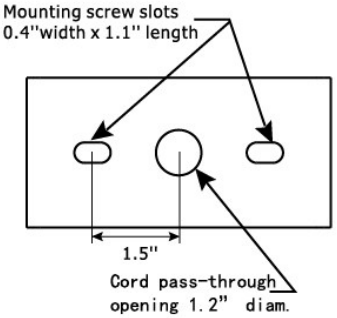
General Dimensions



Adjustable swing angle range



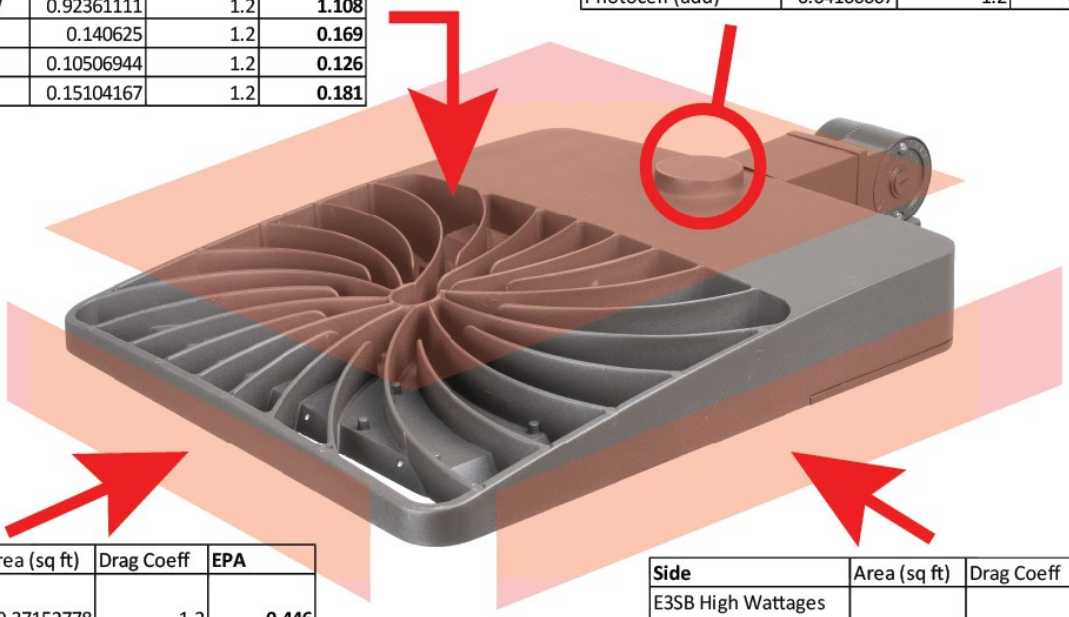
Bracket mounting pattern



EPA Wind Rating Information

Top	Area (sq ft)	Drag Coeff	EPA
E3SB High Wattages 50, 70, 100, 150W	1.8125	1.2	**2.175**
E3SB Low Wattages 200, 240, 300, 350W	0.92361111	1.2	**1.108**
E3SB-ARM (add)	0.140625	1.2	**0.169**
E3SB-SVL (add)	0.10506944	1.2	**0.126**
E3SB-A1 (add)	0.15104167	1.2	**0.181**

Accessories	Area (sq ft)	Drag Coeff	EPA
Shorting Cap (add)	0.03125	1.2	**0.038**
Photocell (add)	0.04166667	1.2	**0.050**



Front	Area (sq ft)	Drag Coeff	EPA
E3SB High Wattages 50, 70, 100, 150W	0.37152778	1.2	**0.446**
E3SB Low Wattages 200, 240, 300, 350W	0.23090278	1.2	**0.277**
E3SB-ARM (add)	0	1.2	**0.000**
E3SB-SVL (add)	0	1.2	**0.000**
E3SB-A1 (add)	0.07291667	1.2	**0.088**

Side	Area (sq ft)	Drag Coeff	EPA (sq ft)
E3SB High Wattages 50, 70, 100, 150W	0.36333333	1.2	**0.436**
E3SB Low Wattages 200, 240, 300, 350W	0.34152778	1.2	**0.410**
E3SB-ARM (add)	0.16041667	1.2	**0.193**
E3SB-SVL (add)	0.09548611	1.2	**0.115**
E3SB-A1 (add)	0.15104167	1.2	**0.181**

Dimensions and Packaging Info

Model Number	E3SB100L3-750	E3SB150L3-750	E3SB240L3-750	E3SB300L3-750	E3SB350L3-750
Item UPC	845940007531	845940007548	845940007555	845940007562	845940007579
Case UPC	10845940007538	10845940007545	10845940007552	10845940007569	10845940007576