

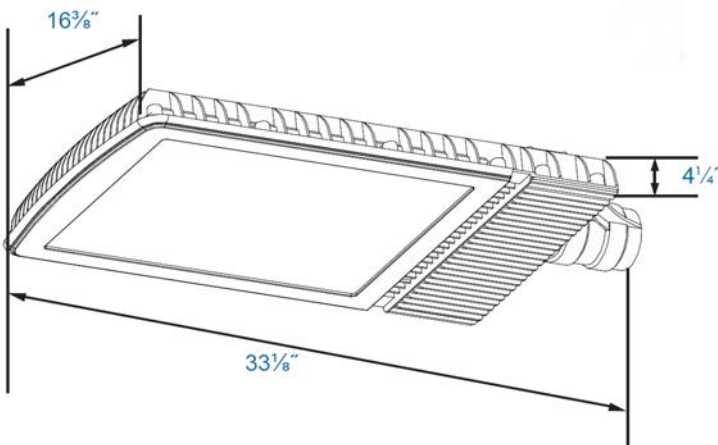
L70
25°C

419,000 Hours

EasyLED Brookline Large Area/Roadway



Dimensions



NOTES:

FIXTURE TYPE:

PROJECT:

The LXST35Q Brookline luminaire is available with a wide choice of mounting configurations and optical distributions designed to replace HID lighting systems from 400w to 1000w MH or HPS. Typical area lighting applications include roadways, retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 16 to 35 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Heavy-Duty Low Profile Die Cast Housing with Integral Heat Sinking, Driver Compartment, Mounting Arm Adaptor. Powdercoat Finish Over a Chromate Conversion Coating. Includes Twist Lock Photocell Receptacle.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Clear Flat Glass Lens or Clear Flat Prismatic Glass Lens

Mounting Options:

Mounts on 2" Diameter Mounting Arm, Adjustable Slipfitter, or Two-Piece Swivel Bracket.

EasyLED LED:

Aluminum Boards

Wattage:

Array: 278.8w, System: 301.3w
(400-1000w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz; Dimmable Driver.

Listing & Ratings:

CSA: Listed for Wet Locations.
Operating Temperatures: -40°C to +50°C
IP67 Sealed LED Compartment.

LM-79 Report Available on Select Models.

See Page 3 for Projected Lumen Maintenance Table.

5-Year Warranty.







Order Information Example:

LXST35Q-B-262-U-4K-C-BZ-BR-R7

LXST35Q								
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
LXST35Q= Brookline Large	A=Type I B=Type II C=Type III F=Type V	300=300w	U=120-277V H=347/480V*	4K=4000K 5K=5000K	C=Clear Flat Glass Lens P=Clear Flat Prismatic Glass Lens*	BZ=Bronze C=Custom (Consult Factory)	SF= Slipfitter MA= Mounting Arm Adapter BR=Two-Piece Swivel Bracket	SF=Single Fuse DF=Double Fuse SP=Surge Protection R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with P18132 shorting cap
					*Use with Type V Optic Only.			

EasyLED Brookline Large Area/Roadway

EPA (Effective Projected Area) Shown with CVMAZ mounting.

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	1.00	33 Lbs	 2@180° Mount	2.00	66Lbs	 3@90° Mount	2.20	99 Lbs	 4@90° Mount	2.20	132 Lbs
			 2@90° Mount	1.36	66 Lbs	 3@120° Mount	2.00	99 Lbs			

Accessories & Replacement Parts:

Mounting Accessories
(Order separately, Field installed)

PSS4T180HTZ 4" 180 Degree Twin Square Horizontal Tenon. Bronze Finish.

STSFZ Adjustable Diecast Double Slipfitter with Angle Indicators. Hardware Included. Mount on Vertical Tenons.

PTB1SZ Single Pole Tenon Spoke Bracket, 2 3/4" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.

PTB290SZ Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

PTB2180SZ Twin Pole Tenon Spoke Bracket, 2 3/4" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

PTB390SZ* Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

PTB3120SZ* Triple Pole Tenon Spoke Bracket, 2 3/4" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

PTB490SZ* Quad Pole Tenon Spoke Bracket, 2 3/4" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

Accessories
(Order separately, Field installed)

P18140 110-120VAC Instant Twist Lock Photocell

P18142 110-277VAC Instant Twist Lock Photocell

P18150 120VAC Time Delay Twist Lock Photocell

P18152 277VAC Time Delay Twist Lock Photocell

P18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.

P18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always On). IP65, Rated Load 7200w Tungsten.

ST35GSZ Aluminum House Side Shield, Bronze Powdercoat Finish, Includes Hardware.

Replacement Parts
(Order separately, Field installed)

ST35GLP Prismatic Flat Glass Lens

FL90BRZ Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.

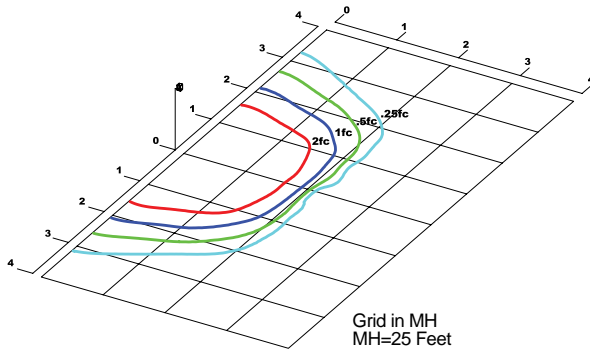
STSFZ Adjustable Diecast Double Slipfitter with Angle Indicators. Hardware Included.

FL90SFZX External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.

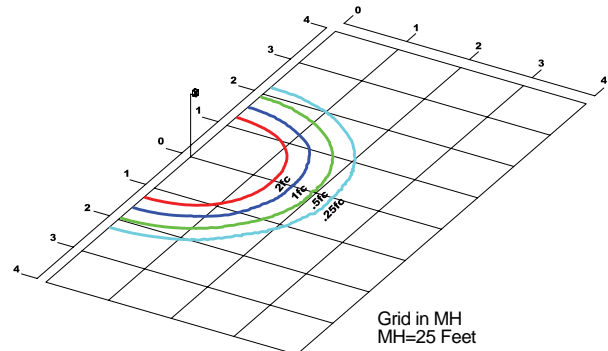
CVMAZ Die-Cast Adaptor for 2 3/4" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

EasyLED Brookline LargeArea/Roadway

Photometric Data



LXST35Q Type III



LXST35Q Type V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 167w	525	177	Type III	17,360	98	3	1	3	15,885	88	3	1	3
		177	Type V	16,709	94	3	1	3	15,288	86	3	1	1
EasyLED 279w	525	301	Type III	29,091	96	3	1	1	29,091	96	3	1	1
		301	Type V	32,884	89	4	1	1	32,884	89	4	1	1

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	187	1.00	0.98	0.97	0.94	473,000	
L70 Lumen Maintenance @ 25°C / 77°F	286	1.00	0.98	0.96	0.93	419,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L70 Lumen Maintenance @ 50°C / 122°F	187	1.00	0.97	0.95	0.90	296,000	
L70 Lumen Maintenance @ 50°C / 122°F	286	1.00	0.97	0.94	0.88	251,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L80 Lumen Maintenance @ 40°C / 104°F	187	1.00	0.98	0.97	0.93	299,000	
L80 Lumen Maintenance @ 40°C / 104°F	286	1.00	0.97	0.95	0.90	191,000	

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.