LEDALUX®

LED AREA LXST30Q

CATALOG NUMBER:

NOTES:

FIXTURE TYPE:

PROJECT:

L70 25°C 419,000 Hours

EasyLED Brookline Small Area/Roadway

The LXST30Q Brookline luminaire is available with a wide choice of mounting configurations and optical distributions designed to replace HID lighting systems from 250w to 400w 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 2⅜″ Diameter Mounting Arm, Adjustable Slipfitter, or Two-Piece Swivel Bracket.

EasyLED LED:
Aluminum Boards

Wattage:
Array: 167.3w, System: 180w
(250-400w HID Equivalent)

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

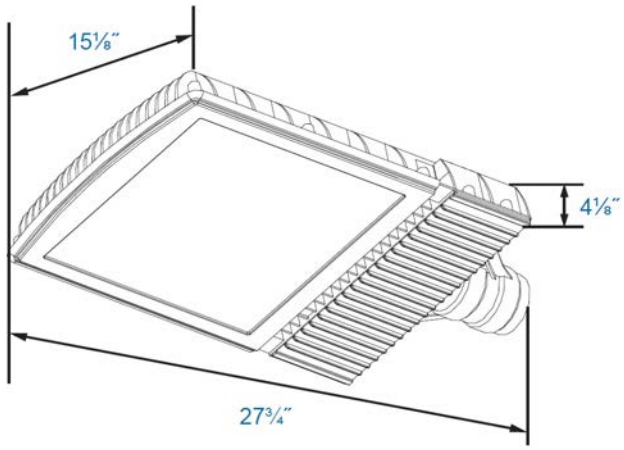
Listing & Ratings:
CSA: Listed for Wet Locations.
Operating Temperatures: -40°C to +50°C
IP67 Sealed LED Compartment.

LM-79 Report Available on Select Models.

See Page 3 for Projected Lumen Maintenance Table.

5-Year Warranty.

Dimensions



Order Information Example: LXST30Q-B-262-U-4K-C-BZ-BR-R7

LXST30Q

Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
LXST30Q= 16″ Area Light	**A**=Type I **B**=Type II **C**=Type III **F**=Type V	**180**=180w	**U**=120-277V **H**=347/480V*	**4K**=4000K **5K**=5000K	**C**=Clear Flat Glass Lens **P**=Clear Flat Prismatic Glass Lens* *Use with Type V Optic Only.	**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

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EPA (Effective Projected Area)

Shown with CVMAZ mounting.

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
1	0.66	29 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
2@180° Mount	1.32	58 Lbs
2@90° Mount	0.90	58 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
3@90° Mount	1.45	87 Lbs
3@120° Mount	1.36	87 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
4@90° Mount	1.45	116 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 Verticle Tenons.
PTSB1SZ	Single Pole Tenon Spoke Bracket, 2⅜" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.
PTSB290SZ	Twin Pole Tenon Spoke Bracket, 2⅜" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB2180SZ	Twin Pole Tenon Spoke Bracket, 2⅜" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB390SZ*	Triple Pole Tenon Spoke Bracket, 2⅜" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB3120SZ*	Triple Pole Tenon Spoke Bracket, 2⅜" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB490SZ*	Quad Pole Tenon Spoke Bracket, 2⅜" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

Accessories (Order separately, Field installed)

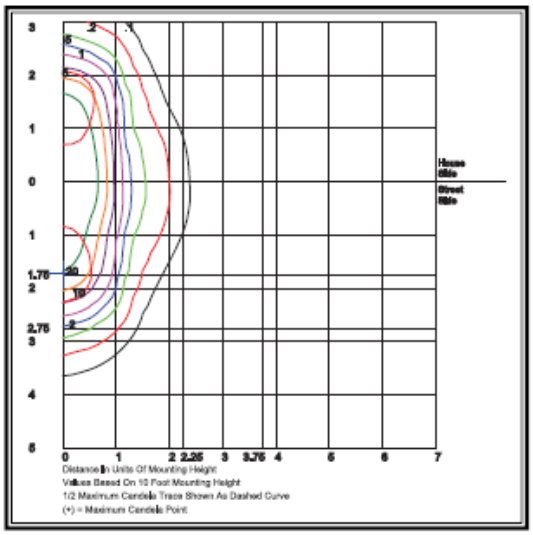
P18140	110-120VAC Instant Twist Lock Photocell
P18142	110-277VAC Instant Twist Lock Photocell
P18150	120VAC Time Delay Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
ST30GSZ	Aluminum House Side Shield, Bronze Powdercoat Finish, Includes Hardware.

Replacement Parts (Order separately, Field installed)

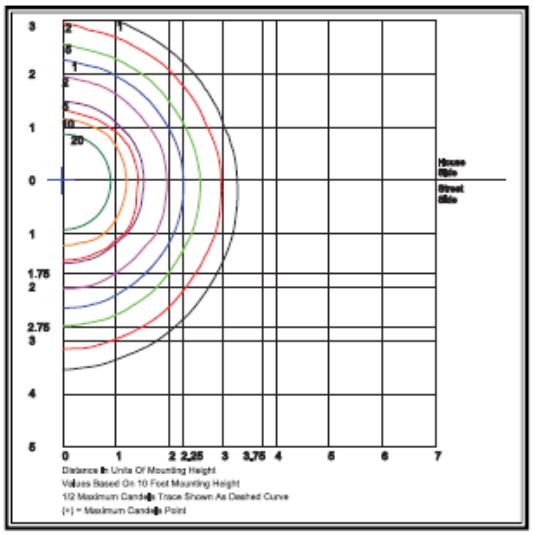
ST30GLP	Prismatic Flat Glass Lens
FL90BRZ	Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.
STSFZ	Adjustable Diecast Double Slipfitter with Angle Indicators. Hardware Included.
FL90SFXZ	External Mount Die-Cast Adjustable Slipfitter for 2⅜" Tenons, Bronze Powdercoat Finish, Includes Hardware.
CVMAZ	Die-Cast Adaptor for 2⅜" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

EasyLED Brookline Small Area/Roadway

Photometric Data



TYPE III



TYPE V

Photometric Performance

				5000 CCT 80 CRI					4000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 174w	525	187	Type III	17,092	91	3	1	3	17,092	91	3	1	3
		187	Type V	17,276	91	4	1	1	17,276	91	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.