

ST35Q DuraLED Large Hampton Area/Roadway



Project Information	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The DuraGuard ST35Q luminaire is available in a wide choice of mounting configurations and optical distributions designed to replace HID lighting systems up to 1000w MH or HPS. Typical applications include general area, parking, flood, security, and accent lighting for 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. Powder-coat Finish Over a Chromate Conversion Coating. Includes Twist Lock Photocell Receptacle.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

FINISH:

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

LENS:

Tempered Clear Flat Glass Lens or Tempered Clear Flat Prismatic Glass Lens

MOUNTING OPTIONS:

2 3/8" Diameter Mounting Arm Adapter, Adjustable Slipfitter, or Two-Piece Bracket

DURALED LED:

Aluminum Boards

WATTAGE:

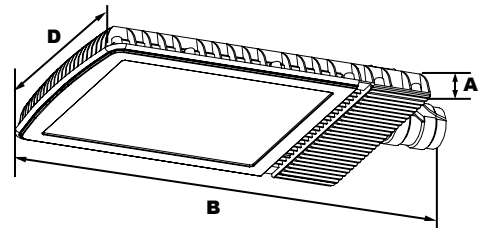
279w Array: 278.8w; System: 301.3w; (1,000w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming

WARRANTY:

5-Year Warranty for -40°C to +50°C Environment.



Dimensions

Width (D)	16 3/8" (415mm)
Length (B)	33 3/8" (840mm)
Height (A)	4 1/4" (107mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: ST35QF1X167U5KCZP40

ST35Q DuraLED Large Hampton Area/Roadway

ST35Q	1X279							
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
ST35Q=Large Hampton Area/Roadway		1X279=279w	U=120-277V H=347/480V	4K=4000K 5K=5000K		Z=Bronze C=Custom (Consult Factory)		
<p>A=Type I/NEMA 7H x 6V B=Type II/NEMA 7H x 6V C=Type III/NEMA 7H x 7V D=Type IV/NEMA 7H x 6V F=Type V/NEMA 7H x 7V</p> <p>See Page 3 for Distribution Information.</p>						<p>C=Clear Flat Glass Lens P=Clear Flat Prismatic Glass Lens*</p> <p>*Use with Type V Optic Only.</p>		
						<p>MA=Mounting Arm Adapter SF=Slipfitter BR=Two-Piece Swivel Bracket NM=No Mount</p>		
						<p>SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection R3=3-Pin 480V Twist Lock Photocell Receptacle with P18132 Shorting cap R5=5-Pin Twist Lock Photocell Receptacle R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle</p>		



DesignLights Consortium™
Qualified Luminares:
ST35QA1X279[U H]5KC***
ST35QB1X279[U H]5KC***
ST35QC1X279[U H]5KC***
ST35QD1X279[U H]5KC***
ST35QF1X279[U H]5KC***



Specifications subject to change without notice.

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ADDITIONAL MOUNTING OPTIONS



ST35Q Shown with "ALMAA" Pole Mounting Arm Adaptor, Die-Cast Adaptor for 2 1/2" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.



ST35Q Shown with "SSF" External Mount Slipfitter, External Mount Die-Cast Adjustable Slipfitter for 2 1/2" Tenons, Bronze Powdercoat Finish, Includes Hardware.



ST35Q Shown with "SSB" Two-Piece Swivel Bracket, Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.

ACCESSORIES & REPLACEMENT PARTS:



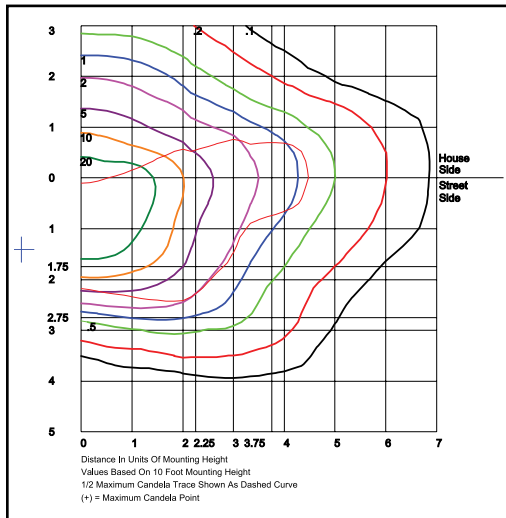
Mounting Accessories (Order Separately, Field Installed)	
STSFZ	Adjustable Die Cast Double Slipfitter with Angle Indicators Allows Mounting on Vertical Tenons, Includes Hardware. Bronze Finish.
PSS4T180HTZ	4" 180° Twin Square Horizontal Tenon, Bronze Powdercoat Finish
PSS5T180HTZ	5" 180° Twin Square Horizontal Tenon, Bronze Powdercoat Finish
PTSB1SZ	Single Pole Tenon Spoke Bracket, 2 1/2" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.
PTSB290SZ	Twin Pole Tenon Spoke Bracket, 2 1/2" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB2180SZ	Twin Pole Tenon Spoke Bracket, 2 1/2" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB390SZ*	Triple Pole Tenon Spoke Bracket, 2 1/2" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB3120SZ*	Triple Pole Tenon Spoke Bracket, 2 1/2" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB490SZ*	Quad Pole Tenon Spoke Bracket, 2 1/2" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

Accessories (Order Separately, Field Installed)	
P18130	480VAC Twist Lock Photocell Receptacle
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.
P18140	110-120VAC Instant Twist Lock Photocell
P18150	120VAC Time Delay Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18154	480VAC Time Delay Twist Lock Photocell. For 480V use only.
P18156	120-277VAC Universal Twist Lock Photocell
P18157	480VAC Time Delay Twist Lock Photocell. For 480V use only.
ST35GSZ	Aluminum House Side Shield, Bronze Powdercoat Finish, Includes Hardware.
ST35WG	Wire Guard, Stainless Steel Construction

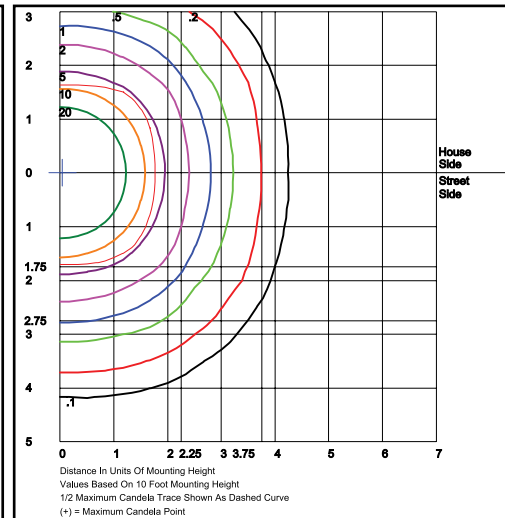
Replacement Parts (Order Separately, Field Installed)	
ST35GLP	Tempered Clear Flat Prismatic Glass Lens
CVMAZ	Die-Cast Adaptor for 2 1/2" Horizontal Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
SSFZ	External Mount Die-Cast Adjustable Slipfitter for 2 1/2" Tenons, Bronze Powdercoat Finish, Includes Hardware.
SSBZ	Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.

*Non-stock item. Consult factory for lead time.

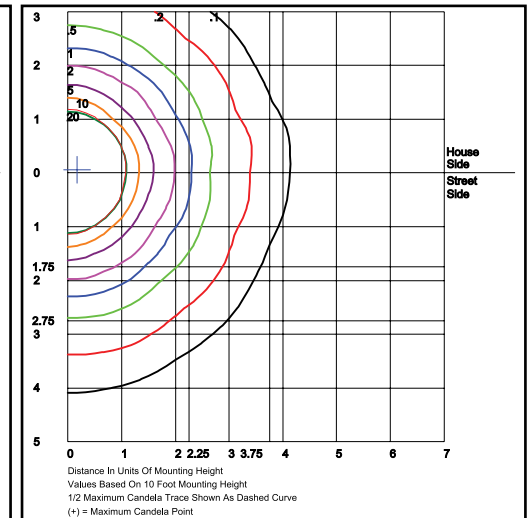
PHOTOMETRIC DATA



ST35QC1X279U5KC
Type III



ST35QF1X279U5KC
Type V



ST35QF1X279U5KP
Type V

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DuraGuard
PRODUCTS INC.
A QSSI Company

**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	
DuraLED 279w	525	301	A	Type I	33,363	111	5	0	3	30,528	101	5	0	3
			B	Type II	32,789	109	3	0	3	30,003	100	3	0	3
			C	Type III	35,210	117	4	0	4	32,219	107	4	0	4
			D	Type IV	31,660	105	3	0	5	28,970	96	3	0	5
			F	Type V	34,280	114	5	0	2	31,367	104	5	0	2

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI		4000 CCT 80 CRI		
				Lumens	LPW	Lumens	LPW	
DuraLED 279w	525	301	A	128°H x 76°V, NEMA 7H x 6V	33,000	107	30,470	101
			B	115°H x 35°V, NEMA 7H x 6V	32,823	109	30,034	101
			C	117°H x 71°V, NEMA 7H x 7V	35,145	117	32,159	107
			D	116°H x 40°V, NEMA 7H x 6V	31,121	103	28,477	95
			F	118°H x 118°V, NEMA 7H x 7V	34,297	114	31,383	104

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