

Parking Areas
Building Entrances
Pedestrian Walkways
Shopping Malls
Large Areas



Specifications



HOUSING	One piece highly tooled formed aluminum, with integral reinforcements and concealed fasteners and welds. The fixtures are C-UL & UL listed "suitable for wet locations."
LENS AND LENS FRAME	Clear, heat and impact resistant tempered glass lens, secured in an extruded aluminum door frame. 21" & 27" fixtures with VS, V and VR distribution use square convex lens (unless noted otherwise), all others use square flat lens. Note: Drop acrylic lens (DA) is standard on 21" vertically lamped units.
GASKETING	The lens is fully gasketed to the lens frame with closed cell neoprene. The lens door frame is gasketed to the housing with a dense silicone extruded gasket featuring twin flexible extensions to provide a double seal.
INSTALLATION	Design SLY is provided with 1/2" aluminum 6061 T6 Schedule 40 pipe yoke, cast aluminum side caps and pole-top fitter, and matching pole-top plate. Plates are welded to pole top in place of tenon (See detail below). Tenon adapter brackets (TPH) are available for mounting to poles with existing tenons.
REFLECTOR	Reflector systems can be easily rotated in 90° increments or interchanged without the use of tools. Design SLY is available with the following reflector systems: 1) Type S (16" & 21") — square distribution; 2) Type VS — square distribution; 3) Type VR (27") — rectangular distribution; 4) Type I (16" & 21") — asymmetrical distribution; 5) Type III — asymmetrical distribution; 6) Type F — forward throw distribution; 7) Type 2 — asymmetrical distribution; 8) Type V — symmetrical distribution.
BALLAST	All CWA ballasts (+10% to -10% lamp power regulation) shall be tray mounted and supplied with quick-disconnects. Ballasts are rated for -20° F operation. All non CWA ballast shall be HPF.
FINISH	Polyester powder coat, electrostatically applied, which is preceded by a five step pre-treatment process including an iron phosphate priming stage for superior coating adhesion. This process meets or exceeds all ASTM testing requirements, including those for 1,000-hour salt spray endurance testing.

PROJECT
FIXTURE TYPE
CATALOG#

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SLY

DISTRIBUTIONS






TYPE S	Square (Horiz. Lamp)	TYPE 3	Asymmetrical (Horiz. Lamp)
TYPE VS	Square (Vertical Lamp)	TYPE F	Forward Throw (Horiz. Lamp)
TYPE VR	Rectangular (Vert. Lamp)	TYPE V2	Asymmetrical (Vertical Lamp)
TYPE 1	Asymmetrical (Horiz. Lamp)	TYPE V	Symmetrical (Vert. Lamp)

ORDERING EXAMPLE SLY-21-VS-HPS-400-CL-DB-120-MP-FD-HSS

DESIGN	DISTRIBUTION	HPS	MH/MHP	LAMP	LENS
MH = Std. Metal Halide MHP = Pulse Start					
CL = Convex glass lens FL = Flat glass lens					
SLY-16	S	70/100/150	70/100/150/175/200*	ED-17	FL
	1	70/100/150	70/100/150/175/200*	ED-17	FL
	3	70/100/150	70/100/150/175/200*	ED-17	FL
	F	70/100/150	70/100/150/175/200*	ED-17	FL
	VS	70/100/150	70/100/150/175/200*	ED-17	FL
SLY-21	VS	250/400		ED-18	CL or FL
	VS		250/400/450*	BT-28/BT-37	CL
	VS		400 Flat Lens	BT-28	FL
	V2	250/400		ED-18	CL or FL
	V2		250/400/450*	BT-28/BT-37	CL
	S	250/400		ED-18	FL
	S		250/400	BT-28/BT-37	FL
	1	250/400		ED-18	FL
	1		250/400	BT-28/BT-37	FL
	3	250/400		ED-18	FL
	3		250/400	BT-28/BT-37	FL
	F	250/400		ED-18	FL
	F		250/400	BT-28/BT-37	FL
SLY-27	V or VS	400		ED-18	CL or FL
	V or VS		400/450*	BT-37	CL or FL
	V or VS	750		BT-37	CL or FL
	V or VS		1000	BT-56	CL
	V or VS		1000 Flat Lens	BT-37	FL
	V or VS	1000 Flat Lens		BT-37	FL
	V or VS	1000		E-25	CL
	VR		1000	BT-56	CL
	VR		1000 Flat Lens	BT-37	FL
	VR	1000		E-25	CL
	F	1000		E-25	FL
	F		1000	BT-56	FL

* Available only in Pulse Start 70,100,150,200,450 MHP = Pulse Start

REQUIRED CHOICES

FINISH						
BK Black	WH White	GR Green	FG Gray	DB Bronze	SL Silver	CC Custom
						
Supply Color Chip						

VOLTAGES MOUNTINGS

120	TPH	Tenon Adapter
208		(Slipfits 2-3/8" to 2-7/8" Pipe Tenon)
240	MP	Mounting Plate (Weld to pole) See detail
277		
347		
480		

OPTIONAL CHOICES

ELECTRICAL OPTIONS	OPTICAL OPTIONS	LIGHT TRESPASS OPTIONS
FD Single Fusing 120V/277V	LX Vandal Resistant Lens (SLY-21 & SLY-16 only)	CL80x360 Internal 80° Vert. x 360° Horiz. Lens Shielding
FDD Double Fusing 480V	CL Convex glass for SLY-21 only (standard - acrylic)	CL60x135 Internal 60° Vert. x 135° Horiz. Lens Shielding
DFD Double Fusing 208V/240V		HSS House Side Shield (75° standard) (external)
FDC Single Fusing 347V		FL Flat clear glass lens (see ordering information for availability)
PCT Photo Cell and Receptacle		



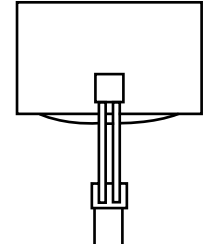
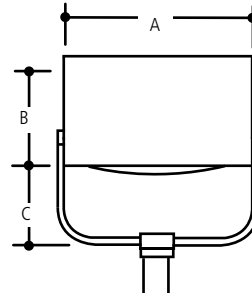
TPH
Tenon Adapter



CL80 Shielding Internal
80° Vert. x 360° Horiz.
Lens Shielding



CL60x135 Internal
60° Vert. x 135° Horiz.
Lens Shielding



DIMENSIONS

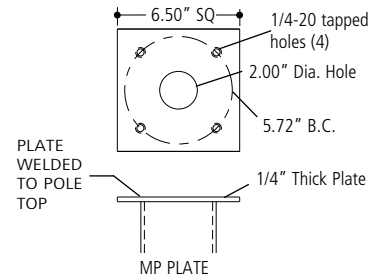
	16"	21"	27"
A	16.00" sq. (406.4 mm)	21.00" sq. (533.4 mm)	27.00" sq. (685.8mm)
B	9.50" (241.3 mm)	11.00" (279.4 mm)	15.00" (381.0 mm)
C	7.00" (177.8 mm)	11.00" (279.4 mm)	13.00" (330.2 mm)

EFFECTIVE PROJECTED AREA (EPA)

16"	21"	27"
1.40 sq. ft. (.13M2)	2.00 sq. ft. (.19M2)	3.00 sq. ft. (.28M2)

WEIGHT

16"	21"	27"
45 lbs. (20.45 kgs)	54 lbs. (24.54 kgs)	77 lbs. (35 kgs)



MP PLATE NOTES

Provide plate as shown above or purchase plate from QL.
 On existing poles with 2" tenon - use TPH adapter.