

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.
LENS AND LENS FRAME	Clear, heat and impact resistant tempered glass lens, secured in an extruded aluminum door frame. 21" and 27" fixtures with 5VS, 5V, 2V and VR distribution use square convex lens (unless otherwise noted), all others use square flat lens and are full cutoff. Note: Drop acrylic lens (DAL) 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	SL Series housings are provided with a cast aluminum 2.5" arm for mounting a single fixture or twin fixtures at 180°. A 13.5" long extruded aluminum arm (S13.5) is supplied for other mounting configurations. An external mast arm fitter or cast aluminum wall bracket shall be available for alternative mounting methods.
REFLECTOR	Reflector systems can be easily rotated in 90° increments or interchanged without the use of tools. SL Series is available with the following reflector systems. Vertical: Type 5VS - square distribution; Type VR - (27" only) rectangular distribution, Type 2V - (21" only) asymmetrical distribution, Type 3V - (27" only) asymmetrical distribution, Type 5V - (27" only) round distribution, 4V - (27" only) forward throw distribution. Horizontal: Type - IH (16" & 21" only) asymmetrical distribution, Type 3H - (16" & 21" only) asymmetrical distribution, Type 4H - (16" & 21" only) forward throw distribution, and Type 5H - (16" & 21") square distribution. All photometric data shall be certified by an independent testing facility.
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 ballasts 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.
LISTINGS	The fixture shall be ETL and cETL Listed, per UL 1598, "suitable for wet locations."
WARRANTY	Mechanical, finish and electrical shall be covered by a limited 1-year warranty. See terms and conditions for details.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled 'Contain Mercury' and/or with the symbol 'Hg'. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycle and disposal can be found at www.lamprecycle.org.

PROJECT
FIXTURE TYPE
CATALOG#

1611 Clovis R. Barker Road
San Marcos, Texas 78666
Toll Free Phone: (800) 545-1326
Fax: (866) 713-6002
www.qualitylighting.com
e-mail: Quality.Info@Philips.com

SL

ORDERING EXAMPLE SL21S-400-5VS-120-S2.5-F1-GSL-TDB

ORDERING INFORMATION

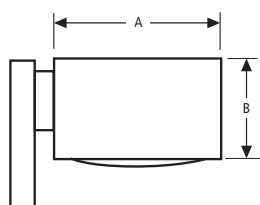
SERIES / SIZE / SOURCE-WATTAGE	DISTRIBUTION	VOLTAGE	MOUNTING	OPTIONS	FINISH	ACCESSORIES
<input type="text"/>	- <input type="text"/>	- <input type="text"/>	- <input type="text"/>	- <input type="text"/>	- <input type="text"/>	<input type="text"/>
Pulse Start Metal Halide 16"	High Pressure Sodium 16"	16" 1H 5VS 3H 4H 5H	120 208 240 277	F1 F2 F3 TLR-PC	TBK TWHT TGR TDB	AL-SL
SL16P-70 SL16P-100 SL16P-150 SL16P-175 ¹ (E) SL16P-200 ¹	SL16S-70 SL16S-100 SL16S-150	21" 1H 2V 3H 5VS 4H 5H	347 480	HSS GSL DAL CL80x360 CL60x135	TSA TGN RAL(*)	
21" SL21P-250 SL21P-400 ² (E) SL21P-450 ³	21" SL21S-250 SL21S-400	27" 3V 4V VR 5V 5VS		CWB HSF		
27" SL27P-400 SL27P-450 (E) SL27P-1000 27" Metal Halide SL27M-1000 ⁴	27" SL27S-400 SL27S-750 SL27S-1000 ⁵					

SERIES / SIZE / SOURCE-WATTAGE	DISTRIBUTION	VOLTAGE	MOUNTING	OPTIONS	FINISH
16" Pulse Start Metal Halide <input type="checkbox"/> SL16P-70 (ED-17) <input type="checkbox"/> SL16P-100 (ED-17) <input type="checkbox"/> SL16P-150 (ED-17) <input type="checkbox"/> SL16P-175 ¹ (ED-17) <input type="checkbox"/> SL16P-200 ¹ (ED-17) 21" Pulse Start Metal Halide <input type="checkbox"/> SL21P-250 (BT-28) <input type="checkbox"/> SL21P-400 ² (BT-37/BT-28) <input type="checkbox"/> SL21P-450 ³ (BT-37) 27" Pulse Start Metal Halide <input type="checkbox"/> SL27P-400 (BT-37) <input type="checkbox"/> SL27P-450 (BT-37) <input type="checkbox"/> SL27P-1000 (BT-37) 27" Metal Halide <input type="checkbox"/> SL27M-1000 ⁴ (BT-56/BT-37)	16" High Pressure Sodium <input type="checkbox"/> SL16S-70 (ED-17) <input type="checkbox"/> SL16S-100 (ED-17) <input type="checkbox"/> SL16S-150 (ED-17) 21" High Pressure Sodium <input type="checkbox"/> SL21S-250 (ED-18) <input type="checkbox"/> SL21S-400 (ED-18) 27" High Pressure Sodium <input type="checkbox"/> SL27S-400 (ED-18) <input type="checkbox"/> SL27S-750 (BT-37) <input type="checkbox"/> SL27S-1000 ⁵ (E-25/BT-37)	Vertical Optics <input type="checkbox"/> 2V Type II <input type="checkbox"/> 3V Type III <input type="checkbox"/> 4V Type IV Forward Throw <input type="checkbox"/> VR Vertical Rectangular <input type="checkbox"/> 5V Type V Round <input type="checkbox"/> 5VS Type V Square Horizontal Optics <input type="checkbox"/> 1H Type I <input type="checkbox"/> 3H Type III <input type="checkbox"/> 4H Type IV Forward Throw <input type="checkbox"/> 5H Type V Square	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	<input type="checkbox"/> S2.5 2.5" Arm Standard <input type="checkbox"/> S13.5 13.5" Arm <input type="checkbox"/> F1 Single Fusing 120, 277, 347 V <input type="checkbox"/> F2 Double Fusing 208, 240, 480 V <input type="checkbox"/> F3 Double Fusing 208, 240, 480 V Canadian Double Pull <input type="checkbox"/> TLR-PC Twist Lock Receptacle with Photocontrol <input type="checkbox"/> HSS External House Side Shield 75° Standard <input type="checkbox"/> GSL Glass Sag Lens Unavailable with 16" <input type="checkbox"/> DAL Drop Acrylic Lens Standard with vertical optics. 21" fixtures only <input type="checkbox"/> CL80x360 Internal 80° Vert. x 360° Horiz. Lens Shielding <input type="checkbox"/> CL60x135 Internal 60° Vert. x 135° Horiz. Lens Shielding <input type="checkbox"/> CWB Cast Wall Bracket <input type="checkbox"/> HSF Horizontal Slipfitter Mounts to 2 3/8" OD	<input type="checkbox"/> TBK Textured Black <input type="checkbox"/> TWHT Textured White <input type="checkbox"/> TGR Textured Gray <input type="checkbox"/> TDB Textured Dark Bronze <input type="checkbox"/> TSA Textured Satin Aluminum <input type="checkbox"/> TGN Textured Green <input type="checkbox"/> RAL(*) Custom Color (*Specify RAL #) ACCESSORIES <input type="checkbox"/> AL-SL Vandal Resistant Shield 16" and 21" fixtures only

NOTES

- 1) Available with 5VS optics only.
- 2) 5VS optics: flat lens requires BT-28 lamp.
- 3) SL21P-450 is only available with 5VS and 2V optics, sag lens only.
- 4) Flat lens requires BT-37 lamp. BT-56 requires sag lens option (GSL).
- 5) Flat lens requires BT-37 lamp, E-25 for glass sag lens.

DIMENSIONS



Dimensions

	16"	21"	27"
A	16.00" 406.4 mm	21.00" 533.4 mm	27.00" 685.8 mm
B	9.50" 241.3 mm	11.00" 279.4 mm	15.00" 381.0 mm
Weight			
16"	45 lbs. 20.45 kgs	54 lbs. 24.54 kgs	77 lbs. 35 kgs

EPA (Sq. Ft.)

	16"	21"	27"
1 Fixture	1.36 .13 M ²	2.08 .19 M ²	3.65 0.35 M ²
2 Fixtures	2.72 .26 M ²	4.16 .39 M ²	7.30 0.70 M ²
3 @ 90°	4.00 .38 M ²	6.24 .59 M ²	11.00 1.05 M ²
3 @ 120°	4.50 .43 M ²	6.75 .64 M ²	11.50 1.10 M ²
4 @ 90°	4.50 .43 M ²	6.75 .64 M ²	11.50 1.10 M ²



CL80x360



CL60x135



CWB



HSF

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SL

DRILL TEMPLATES

Drill Template # 17 (NTS)

