

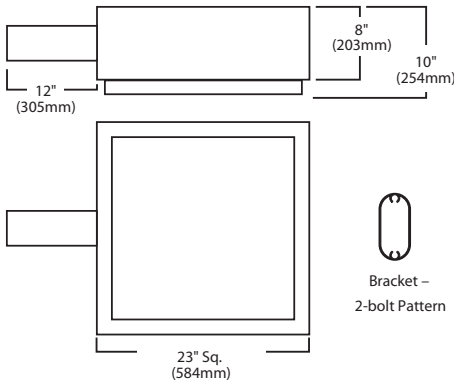
WLS LIGHTING SYSTEMS

SH SERIES HORIZONTAL LAMP

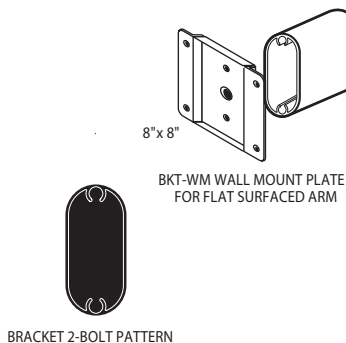


Flat-lensed fixtures meet IESNA full cutoff classification

DIMENSIONS



MOUNTING BRACKETS



SPECIFICATIONS

HOUSING - One-piece aluminum housing. Corners are welded and finished to produce a clean, sharp appearance while increasing housing strength and ensuring weather tight construction.

LENS / GASKET - Available lenses include an injection-molded dropped prismatic acrylic, a C73 diffused tempered glass, and a flat clear tempered glass lens. The dropped prismatic acrylic allows for uniform distribution, while the clear flat tempered glass is used primarily with the Forward Throw to Type III reflectors. The lens frame has a continuous, one-piece EPDM gasket for maximum sealing to the housing.

DOOR FRAME - The one-piece formed aluminum door frame features a stainless steel captive door fastener to provide secure closure and easy access with no loose hardware.

FINISHES - Fixtures are finished with WLS DuraGrip® polyester powder coat finishing process. The DuraGrip® finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, buff, graphite, satin verde green, metallic silver and white

REFLECTORS / DISTRIBUTION PATTERNS - Fixtures are available in five reflector systems and distribution patterns: Asymmetrical (A), Type III (3) medium distribution pattern for increased pole spacing, Forward Throw (FP) for perimeter lighting applications to eliminate stray backside cutoff, Type XL for high performance, and Type V (5) distribution. Photometric data is tested in accordance with IESNA guidelines.

LIGHT SOURCES - Pulse Start Metal Halide, Full Spectrum, and High Pressure Sodium. Clear lamp is supplied as standard.

SOCKETS - Porcelain mogul-based sockets. All sockets are pulse rated.

BALLASTS - High-power factor type CWA ballast is mounted to the housing reinforcing plate. Ballast is designed for -20° F operation.

BRACKETS - A 2-1/2" x 5-3/8" x 12" arm mount bolt-on bracket is shipped standard. An 8" bracket is also available in single and D180° configurations. A Round Pole Plate (RPP) is required for mounting to 3" - 5" round poles (See Accessories in Ordering Information).

LUMINAIRE EPA CHART - SH Series				
	8" Bracket		12" Bracket	
	FG	DA	FG	DA
Single	2.0	2.4	2.2	2.6
D180°	4.1	4.8	4.5	5.2
D90°	12" Bracket Required		3.9	4.6
T90°			6.2	7.2
TN120°			6.2	7.3
Q90°			7.8	9.3

Note: FG - Flat Glass DA - Drop Lens
Note: House Side Shield adds to fixture EPA. Consult factory.

Approved By: _____ Project Name: _____

Location: _____ Date: _____

P.O. Box 100519 | Fort Worth, TX 76185 | 800.633.8711 | Fax: 817.735.4824 | www.wslighting.com

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Consider the Impact!

SH SERIES

HORIZONTAL LAMP

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE. Refer to example below.

SERIES	DISTRIBUTION	LAMP WATTAGE	LIGHT SOURCE	LENS	LINE VOLTAGE ⁴	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
SH	A - Asymmetrical	250W 320W 400W	PSMH - Pulse Start Metal Halide (250,320, 400) HPS - High Pressure Sodium (250,400)	FG - Flat Glass Lens DA - Dropped Prismatic Acrylic	480V MT - Multi Tap ² TT - Tri-Tap ³	BRZ - Bronze BLK - Black PLT - Platinum Plus BUF - Buff WHT - White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver CC - Custom Color	8BK - 8" Bracket ⁵ PCR - Photoelectric Control Receptacle ⁶ LL - Less Lamp NO - No Options	PC - Photocell ⁷ SF - Single Fusing ⁸ DF - Double Fusing ⁸ GS - Glare Shield ⁹ PGS - Polycarbonate Glare Shield RPP - Round Pole Plate ⁹ NA - No Accessories
		250W 320W 350W	FS - Full Spectrum					
	3 - Type III ¹ FP - Forward Throw ¹ 5 - Type V ¹	250W 320W 400W	PSMH - Pulse Start Metal Halide (250,320, 400) HPS - High Pressure Sodium (250,400)	FG - Flat Glass Lens				
		250W 320W 350W	FS - Full Spectrum					
XL - High Performance	400W	PSMH - Pulse Start Metal Halide	DA - Dropped Prismatic Acrylic 73 - C73 Diffused Acrylic					

SH 5 400 PSMH FG MT BRZ NO NA

(EXAMPLE ORDER)

ORDER:
WLS-SH _____

FOOTNOTES:

- 1 - When Specifying Type III, Forward Throw, or Type V distribution, a clear flat tempered glass lens must be used.
- 2 - MT - Multi Tap consists of 120V, 208V, 240V, and 277V. Multi Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 3 - TT - Tri-Tap consists of 120V, 277V, and 347V. Tri-Tap is pre-wired for highest voltage. Alternate voltages will require field re-wiring.

- 4 - Consult factory for international voltages.
- 5 - An 8" bracket can only be ordered with single or D180° configurations.
- 6 - PCR factory installed and pre-wired for highest voltage. Alternate voltages will require field re-wiring.
- 7 - Factory installed PCR option required.
- 8 - Fusing must be located in the hand hole of the pole, not the fixture.
- 9 - Black only.

SHIPPING WEIGHTS - SH Series

Catalog Number	Est. Weight (kg/lbs.)	Length (mm/in.)	Width (mm/in.)	Height (mm/in.)
WLS-SH	16/36	667/26.25	279/11	686/27

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