

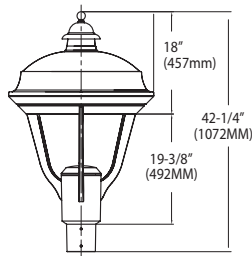
# WLS LIGHTING SYSTEMS

# LX SERIES

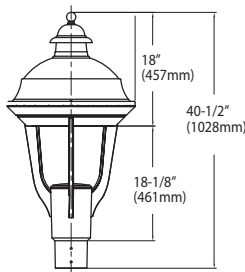
VERTICAL / HORIZONTAL LAMP  
FLAT GLASS / CONTOURED LENS



## DIMENSIONS



LX-M POST TOP



LX-S POST TOP



IP65



## SPECIFICATIONS

**HOUSING** - Modular fixture is available in small or medium sizes. One piece housing and support frame is die-cast aluminum. Pole top ballast enclosure, access cover and support arms are die-cast aluminum. Housing is sealed with an extruded silicone gasket.

**HOUSING TOP CAP** - Removable spun aluminum cap, which provides "Top Access" for relamping is retained by captive stainless steel fasteners and safety cables. Housing and top cap interface is sealed with a one-piece extruded silicone gasket. Toolless entry option is available.

**LENS** - Lens is flat tempered glass, which is sealed to the die-cast aluminum housing with an extruded, high temperature, silicone gasket and retained internally by zinc plated steel clips. A decorative, acrylic drop lens is available to add a traditional appearance to the standard flat lens.

**LAMP HOLDER** - Matched to the lamp. Glazed porcelain in either medium or mogul base, 4KV pulse rated, with spring center contact. CFL fixtures have a one-piece, four pin, thermoplastic lampholder.

**LIGHT SOURCES** - Pulse-Start Metal Halide, Natural White, Metal Halide Reduced Envelope, High Pressure Sodium, and CFL - Compact Fluorescent.

**BALLASTS** - Ballast is mounted on a removable power tray. Toolless option is available. Electronic HID ballasts are available in select wattages for 120 - 277V current. Dimmable Electronic HID ballasts are available in select wattages for 120 - 277V current. Core and coil ballasts are high-power factor designed for -20°F operation. CFL ballasts are universal electronic, with 0°F starting, which accommodate current from 120 - 277V in either 50HZ or 60HZ for worldwide operation. Terminal block, for easy wiring, is standard with all magnetic ballast types.

**OPTICS** - Four available distributions - Type II, III, V and FT - Forward Throw Perimeter. Reflectors may be rotated in 90° increments. Lamps may be vertically or horizontally oriented.

**FASTENERS** - All exposed fasteners are black oxide coated stainless steel. Internal fasteners are stainless steel or zinc electro-plated steel.

**FINISH** - 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.

**SHIELDING** - Internal glare shields, rock guards, and vandal shields are available.

Approved By: \_\_\_\_\_ Project Name: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

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**WLS** LIGHTING SYSTEMS

Consider the Impact!

# LX SERIES

VERTICAL / HORIZONTAL LAMP  
FLAT GLASS / CONTOURED LENS

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

SERIES	DISTRIBUTION	LAMP WATTAGE	LIGHT SOURCE*	LENS	LAMP ORIENTATION	MOUNTING STYLE	LINE VOLTAGE	LUMINAIRE FINISH	OPTIONS
LX-S	2 - Type II 3 - Type III 5 - Type V FT - Forward Throw Perimeter	39W 50W 70W 100W 150W	HPS - High Pressure Sodium EMH - Metal Halide Lamp with Electronic Ballast	F - Flat Glass DA - Acrylic Drop Lens	V - Vertical H - Horizontal	PT - Post Top AR - Arm Mount WM - Wall Mount	480 MT - Multi Tap TT - Tri-Tap UE (120 - 277) <sup>1</sup> UEDIM (120 - 277) <sup>1</sup>	BRZ - Bronze BLK - Black BUF - Buff GPT - Graphite MSV - Metallic Silver SVG - Satin Verde Green WHT - White PLP - Platinum Plus CC - Custom Color	LL - Less Lamp EQ - Emergency Quartz (Separate Circuit) SQN - Standby Quartz (Non-Time Delay) SQT - Standby Quartz (Time Delay) PC120 - 120V Photocell PCHV - 208 - 277V Photocell TE - Tooless Entry NO - No Options
		175W	PSMH - Pulse Start						
	5 - Type V (only)	26W 32W 42W 57W	CFL - Compact Fluorescent CFL2 - Compact Fluorescent	F - Flat Glass DA - Acrylic Drop Lens	H - Horizontal				
LX-M	2 - Type II 3 - Type III 5 - Type V FT - Forward Throw Perimeter	250W 400W	PSMH - Pulse Start Metal Halide HPS - High Pressure Sodium MHR - Metal Halide Reduced*	F - Flat Glass DA - Acrylic Drop Lens	V - Vertical H - Horizontal	PT - Post Top AR - Arm Mount WM - Wall Mount	480 MT - Multi Tap <sup>2</sup> TT - Tri-Tap <sup>2</sup> UE (208 - 277) UEDIM (208 - 277)		
		250W 320W 400W <sup>4</sup>	NW - Natural White						

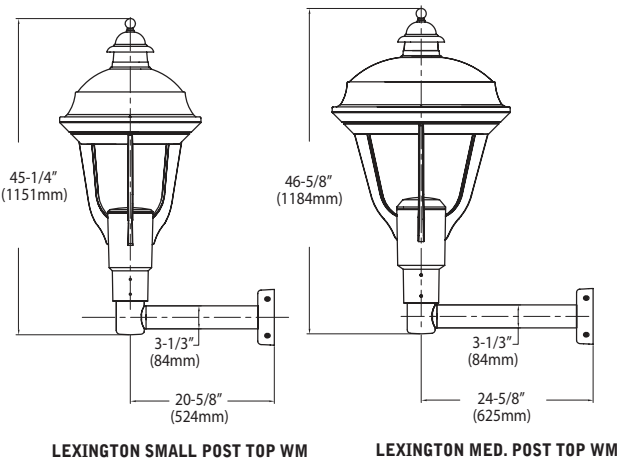
### ACCESSORIES

FK120, FK277, FK347 - Single Fusing  
DFK208, DFK240, DFK480 - Double Fusing  
IGS - Internal Glare Shield  
RG - Rock Guard (LX-S only)  
SPA - Square Pole Adapter  
WM - Wall Mount  
BK SPT BO - Small Bolt on Bracket (PT only)  
BK MPT BO - Medium Bolt on Bracket (PT only)  
VS - Vandal Shield  
NA - No Accessories

LX-S 5 100 EMH F V PT MT BRZ NO/NA

(EXAMPLE ORDER)

ORDER:  
WLS-LX-



\* In accordance with the 2007 Energy Independence and Security Act (EISA), fixtures will no longer be available in Probe Start Metal Halide with wattages from 150 watts through 500 watts for new installations. Replacement parts for existing fixtures are still available.

### FOOTNOTES:

- 1 - EMH and CFL only.
- 2 - PSMH only.
- 3 - Dual CFL Lamps.
- 4 - Vertical lamp only.

### LUMINAIRE EPA CHART

Configuration	Mounting Style	Small Flat Lens	Medium Flat Lens
S - Single	PT	1.1	1.4
D-180	PT	2.2	2.7
S - Single	SA	1.1	1.4
D-180	SA	2.2	2.8
D-90	SA	1.9	2.4
T-120	SA	3.0	3.8
T-90	SA	3.0	3.7
Q-90 Quad	SA	3.8	4.8

Approved By: \_\_\_\_\_ Project Name: \_\_\_\_\_

Location: \_\_\_\_\_ Date: \_\_\_\_\_

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