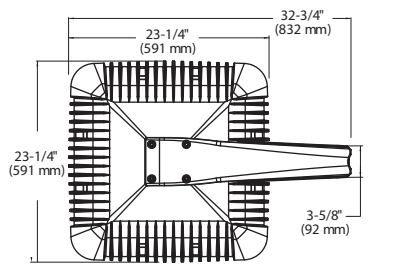




## DIMENSIONS



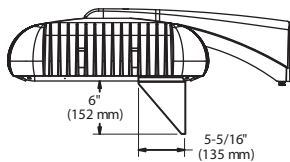
Top View



Front View



Side View



House Side Shield (525144BLK)



## SPECIFICATIONS

**HOUSING** - One-piece die-cast aluminum housing contains four gasketed die-cast aluminum optical assemblies. Self-cleaning, vertically oriented structural ribs cast into housing allow for maximum heat dissipation. All hardware is stainless steel. Fixture is IP65 rated.

**EXPECTED LIFE** - Minimum 60,000 hours to 100,000 hours depending upon ambient temperature of the installation location.

**LEDS** - Range of LEDs between 168 and 302 offered in Cool White (5000K) or Neutral White (4000K) color temperature. 70 CRI (nominal).

**DISTRIBUTION / PERFORMANCE** - Available in wide throw (Type 5 and FT) and extended wide throw (Type 5X, AIX, FTX, FTAX) distributions. FT-L, FT-R, FTX-L, FTX-R, FTAX-L and FTAX-R allow for D180° mounting configurations with factory set optics for front row automotive applications.

**ELECTRICAL** - Terminal block, in mounting arm, for attachment of incoming primary wiring is supplied. Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) and 347-480VAC. Optional twist-lock photocell receptacle is available. Photocell must be ordered separately. Fixture watts (nominal); Type 5 (SS-240; HO-312), Type 5X (SS-240; HO-312; VHO-491), Type AIX (HO-312; VHO-491), Type FTX (SS-285; HO-366) and Type FTAX (HO-366; VHO-418).

**OPTICAL UNITS** - Patented and patent pending angles optical assemblies feature clear tempered optical-grade glass sealed to die-cast aluminum optic assembly to create super-tight IP67 protection (includes pressure stabilizing breather). Lens is mounted perpendicular to angled LEDs to produce widest distribution with highest efficacy possible.

**DRIVER** - Available in SS (Super Saver), HO (High Output), VHO (Very High Output) and Super VHO (Very High Output) drive currents (Drive currents are factory programmed). Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards. Drivers can be easily accessed by removing tethered center access cover.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Fixtures are finished with WLS DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

**WARRANTY** - WLS STL series carry a limited 5-year warranty.

**LISTING** - ETL listed to U.S. and International safety standards. Suitable for wet locations.

**SHIPPING WEIGHT (in carton)** - 65 lbs./29.5Kg

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

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

1919 Windsor Place ■ Fort Worth, TX 76110 ■ 800.633.8711 ■ Fax: 817.735.4824 ■ [www.wslighting.com](http://www.wslighting.com)

**WLS LIGHTING SYSTEMS**

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# STL LED AREA SERIES

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

SERIES	DISTRIBUTION	LIGHT SOURCE	DRIVE CURRENT	COLOR TEMPERATURE	LINE VOLTAGE	LUMINAIRE FINISH	OPTIONS	ACCESSORIES
<b>STL</b>	<b>5</b> - Type V <b>5X</b> - Type V Extended <b>AIX</b> - Automotive Interior Extended <b>FT</b> - Forward Throw <b>FT-L</b> - Forward Throw Rotated for Left Side <b>FT-R</b> - Forward Throw Rotated for Right Side <b>FTX</b> - Type FT Extended <b>FTX-L</b> - Type FT Extended Optic Rotated for D180 Mount (Left Side) <b>FTX-R</b> - Type FT Extended Optic Rotated for D180 Mount (Right Side) <b>FTAX</b> - Type FT Automotive Extended <b>FTAX-L</b> - Type FT Automotive Extended Optic Rotated for D180 Mount (Left Side) <b>FTAX-R</b> - Type FT Automotive Extended Optic Rotated for D180 Mount (Right Side)	<b>LED</b>	<b>SS</b> - Super Saver (5, 5X, FT, FTX only) <b>HO</b> - High Output <b>VHO</b> - Very High Output (Type 5X, AIX, FTAX only) <b>SVHO</b> - Super Very High Output <sup>4</sup>	<b>CW</b> - Cool White <b>NW</b> - Neutral White	<b>UE</b> - Universal Voltage (120-277) <b>347 - 480</b>	<b>BRZ</b> - Bronze <b>BLK</b> - Black <b>PLT</b> - Platinum Plus <b>WHT</b> - White <b>SVG</b> - Satin Verde Green <b>GPT</b> - Graphite <b>MSV</b> - Metallic Silver <b>CC</b> - Custom Color	<b>PCR</b> - Photoelectric Control Receptacle <sup>1</sup> <b>PC</b> - Button-Type Photocell <b>DIM</b> - 0-10 volt dimming <b>NO</b> - No Options	<b>GS</b> - Glare Shield <sup>2</sup> <b>PS</b> - Polycarbonate Shield <b>SF</b> - Single Fusing <sup>3</sup> <b>DF</b> - Double Fusing <sup>3</sup> <b>WM</b> - Wall Mount Plate <b>NA</b> - No Accessories







**STL 5 LED SS CW UE BRZ NO NA**  
 (EXAMPLE ORDER)

### ORDER: WLS-STL \_\_\_\_\_

#### FOOTNOTES:

- 1- Photocell must be ordered separately.
- 2- Glare Shield adds to fixture EPA. Consult factory.
- 3- Fusing must be located in the hand hole of pole.
- 4- SVHO drive current available in Type 5X distribution only.

	Lumens (Nominal)						Watts (Nominal)			
	Type 5	Type 5X	Type AIX	Type FT	Type FTX	Type FTAX	5/5X/AIX	FT	FTX/FTAX	
Cool White	SS	24,867	27,709	-	14,654	24,581	-	240	181	280
	HO	30,613	34,112	32,800	18,041	29,413	29,413	312	233	366
	VHO	-	47,062	45,251	-	-	38,325	491	-	418
	SVHO	-	67,408	64,785	-	-	45,373	693	-	508
Neutral White	SS	21,824	24,318	-	12,137	21,631	-	240	181	280
	HO	26,910	29,987	28,831	15,858	26,015	26,015	312	233	366
	VHO	-	41,624	40,023	-	-	33,689	491	-	418
	SVHO	-	62,414	61,380	-	-	44,684	693	-	508

	Single	1.4
	D180°	2.7
	D90°	2.6
	T90°	4.0
	TN120°	4.2
	Q90°	5.3

Note: House Side Shield adds to fixture EPA. Consult Factory.

LED Chips are frequently updated therefore values may increase.

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

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

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