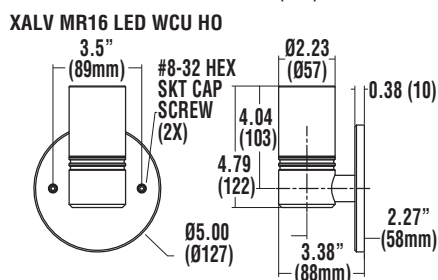
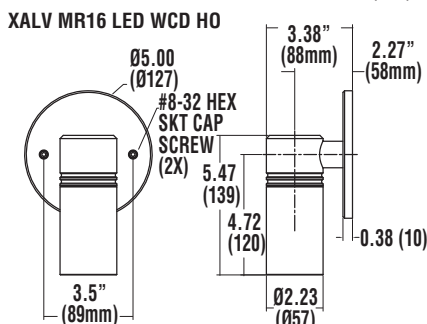
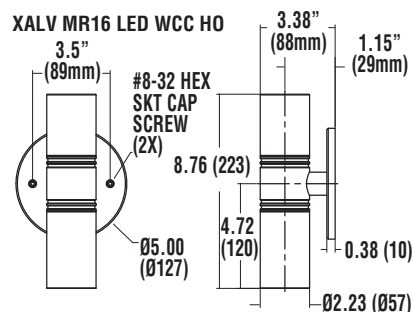


# LED ALV MR16 WALL CYLINDERS (XALV WC) – LOW VOLTAGE



## DIMENSIONS



### Average watts

Style	HO	SS
WCU/WCD	12W	9W
WCC	24W	18W

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



**ARRA** IP66  
Funding Compliant

**SHIELD/LENS ASSEMBLY** – Shield is machined from premium alloys to match housing. Downlight has a machined flat recessed lens. Uplight has a flush machined lens for improved drainage. Uplight/Downlight combination has one of each. Lenses are tempered glass.

**SSUF** – Short Uplight Shield with Flush Lens – Standard on Uplight.

**SCDR** – Collar Downlight Shield with Recessed lens – Standard on Downlight.

**SCUD** – Uplight/Downlight Shield Combination.

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

**LED MODULE** - LED MR16 Low Voltage, Bi-Pin module offers a choice of 3 color temperatures; Neutral White (4000K), Warm White (3000K) and Very Warm (2700K), CRI>80 (nominal).

**“HO”** module features 4 “field selectable” light level equivalents of 50w, 35w, 20w & 10w, via an easily accessible push button. Lamp is included with fixture.

**“SS”** module features 2 “field selectable” light level equivalents of 35w or 20w, via an easily accessible High/Low mode switch.

**OPTICS / DISTRIBUTION** - “HO” offers a choice of 3 beam patterns; Spot (SP) = 12°, Narrow Flood (NF) = 21°, Flood (FL) = 41° “SS” choices are Spot (SP) = 19°, Narrow Flood (NF) = 34°, Flood (FL) = 60°.

**WIRING** - Pre-wired with 250°C rated, 18 gauge, Teflon wire.

**HOUSING** - Aluminum housing is machined from premium 6061-T6 alum solid bar alloy.

**MOUNTING** - Side mounted arm has a ½” NPSM threaded stainless steel connector for mounting to standard J-Box.

**ELECTRICAL** - 12V AC, 50/60 HZ input. Complies with UL8750 safety regulations and with ANSI/IEEE C62.41 Class A operation.

**LED ENGINE** - Provides on board circuitry that makes it compatible with 12V low voltage magnetic or electronic transformers. Phase dimmable.

**TRANSFORMER** - Required and must be ordered separately. Compatible with low voltage magnetic or electronic transformers.

**OPERATING TEMPERATURE** - -40°C to 55°C (-22°F to +131°F)

**FINISH** - Standard finishes are BRS - Bronze Smooth, WHS - White Smooth and BKS - Black Smooth. MSV - Metallic Silver, SVG - Satin Verde Green and Graphite are available in textured finishes. All finishes are in a UV resistant, thermoset polyester powder coat finish, which provides durable protection from environmental conditions, corrosion and the elements.

**WARRANTY** - Limited 5-year warranty.

## EXTRA VALUE FEATURES:

- Premium aluminum alloys protected by a chromate conversion process and polyester powder coat finish, provide XALV Series with incredible corrosion resistance, ensuring a long life and trouble free operation.
- Precision O-ring sealing system between the lens and housing are high temperature silicone or Viton fluoroelastomer material, prevents dust and water ingress.
- Posi-Seal provides reliable protection against water and dirt intrusion. No RTV silicone is used to seal XALV fixtures.
- Available Spread Lenses, Color Filters, and Louvers expand performance.
- Waterproof wire connectors are provided with each low-voltage luminaire.
- ADA compliant.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT** - 5 lbs.

**LISTINGS** - UL listed to UL8750. Suitable for wet locations.



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_

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# LED ALV MR16 WALL CYLINDERS (XALV WC) – LOW VOLTAGE

## PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XALV WCC LED16 HO NW NF 12V SCUD BKS S75T**

Prefix	Type	Light Source	Color Temp <sup>3</sup>	Beam Angle <sup>4</sup>	Voltage	Shield(s)	Finish	Mounting Accessories
XALV (LED ALV - Low Voltage)	WCU (UpLight)	LED16 SS <sup>1</sup> LED16 HO <sup>2</sup>	NW - Neutral White (4000K) WW - Warm White (3000K) VW - Very Warm White (2700K)	SP - Spot Flood NF - Narrow Flood FL - Flood	12V - 12 volt	SSUF - Short Uplight Shield - Flush Lens	BKS - Black Smooth BRS - Bronze Smooth	NO - None  <b>Junction Box W/Xformer</b> S75T - Single Canopyr & J-Box with 75w 120:12v Stepdown Xformer
	WCD (Downlight)	LED16 SS <sup>1</sup> LED16 HO <sup>2</sup>				SCDR - Collar Downlight Sheild - Recessed Lens	SVG - Satin Verde Green Textured MSV - Metallic Silver Textured	
	WCC (Combo) <sup>7</sup>	LED16 SS <sup>1</sup> x 2 Lamps LED16 HO <sup>2</sup> x 2 Lamps				SCUD - Uplight/Downlight Shield - Combination <sup>6</sup>	GPT - Graphite Textured	
								<b>ACCESSORIES<sup>5</sup></b> CFX16 - MR16 Color Filters HL16 - MR16 Hexcell Louvers LS16 - MR16 Linear Spread Lens PS16 - MR16 Prismatic Spread Lens

### NOTES:

1. 16 SS = MR16, 2-Position lamp featuring adjustable Hi/Lo switch, to replicate either 35w or 20w halogen light output levels.
2. 16 HO = MR16, 4-Position lamp featuring push button, to replicate four halogen light output levels (20w, 30w, 35w or 50w).
3. Color Temperatures: NW = 4,000k, WW = 3,000k, VW = 2,700k.
4. Beam Angle (SS): SP = 19 degree, NF = 34 degree, FL = 60 degree.  
(HO): SP = 12 degree, NF = 21 degree, FL = 41 degree.
5. Only Single Filter/Louver Accessory Can Be Installed in Shield.
6. SCUD Shield Combines SSUF for Uplight & SCDR for Downlight LED Module Shielding.
7. WCC - Model supplied with identical LED Lamp Dist. For Upper & Lower Housings.



**S75T Wall Mount with  
LV Transformer**



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_

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