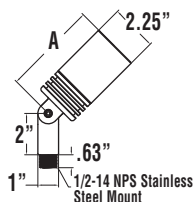


LED ALV MR16 ACCENT LIGHTS (XALV AL) – LOW VOLTAGE

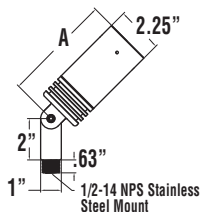


DIMENSIONS

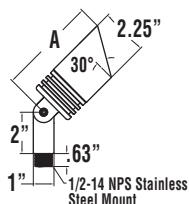
XALV AL LED16 HO SSSDR/SSUF LOW VOLTAGE



XALV AL LED16 HO SCDR/SCUA LOW VOLTAGE



XALV AL LED16 HO S3DR/S3UF LOW VOLTAGE



XALV Dimensions - (Low Voltage)		A
XALV AL LED16 HO SSSDR / SSUF		4.57" (116mm)
XALV AL LED16 SS SSSDR / SSUF		3.84" (98mm)
XALV AL LED16 HO SCDR / SCUA		5.26" (134mm)
XALV AL LED16 SS SCDR / SCUA		4.58" (116mm)
XALV AL LED15 HO S3DR / S3UF		5.47" (139mm)
XALV AL LED15 SS S3DR / S3UF		4.80" (122mm)

Average watts

	HO	SS
	12W	9W

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



ARRA
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IP66



Project Name _____ Fixture Type _____

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SHIELD/LENS ASSEMBLY – Available in six combinations to maximize design flexibility.

Shield is machined from premium alloys to match housing. Lenses are tempered glass. Select R – Recessed flat lens or F – Flush machined lens (for improved drainage).

SSDR – Short Shield – Recessed Lens; **SSUF** – Short Shield – Flush Lens;

SCDR – Collar Shield – Recessed lens and Aqueducts; **SCUA** – Collar Shield – Flush Lens and Aqueducts; **S3DR** – 30° Cutoff Shield – Recessed Lens; **S3UF** – 30° Cutoff Shield – Flush Lens

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.

“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 CNC machined from premium 6061-T6 alum solid bar alloy.

MOUNTING - Rear mounted arm has a ½” NPSM threaded stainless steel knuckle for mounting to standard J-Box or mounts.

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 GPT – Graphite are 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.
- Shield/Lens combinations give designers unequaled choice and flexibility.
- Available Spread Lenses, Color Filters, and Louvers expand performance.
- Waterproof wire connectors are provided with each low-voltage luminaire.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT - 3 lbs.

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

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LSI INDUSTRIES INC.

LED ALV MR16 ACCENT LIGHTS (XALV AL) – LOW VOLTAGE

PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XALV AL LED16 HO WW NF 12V S3DR SVG MTP12**

Prefix	Type	Light Source	Drive Current	Color Temp ³	Beam Angle ⁴	Voltage	Shield(s)	Finish	Mounting Accessories
XALV (LED ALV - Low Voltage)	AL - Accent Light	LED16	SS ¹ HO ²	NW - Neutral White (4000K) WW - Warm White (3000K) VW - Very Warm White (2700K)	SP - Spot Flood NF - Narrow Flood FL - Flood	12V - 12 volt	SSDR - Short Shield - Recessed Lens SSUF - Short Shield - Flush Lens SCDR - Collar Shield - Recessed Lens Aqueducts SCUA - Collar Shield - Flush Lens Aqueducts S3DR - 30° Cutoff Shield - Recessed Lens S3UF - 30° Cutoff Shield - Flush Lens	BKS - Black Smooth BRS - Bronze Smooth WHS - White Smooth SVG - Satin Verde Green Textured MSV - Metallic Silver Textured GPT - Graphite Textured	NO - None Mounting Spikes SPP - ABS Spike for Low Voltage fixtures SPB - Heavy Duty Spike for Line or Low MTP12 - 12" PVC Ground Conduit Mount with 120/12v Stepdown Xformer MTP18 - 18" PVC Ground Conduit Mount with 120/12v Stepdown Xformer Junction Box W/Xformer S75T - Single Canopyr & J-Box with 75w 120:12v Stepdown Xformer ACCESSORIES⁵ CFX16 - MR16 Color Filters ⁶ HL16 - MR16 Hexcell Louvers LS16 - MR16 Linear Spread Lenses PS16 - MR16 Prismatic Spread Lenses CC250 - 250' Spool of 12-2 stranded Low Energy - Underground Cable

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 adjustable button, to replicate four Halogen light output levels (10w, 20w, 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 Accessory Can Be Installed in Shield
6. Color Filters - Replace "X" with required filter color - R-Red, G-Green, B-Blue, Y-Yellow.
7. Transformer is required.



S75T Wall Mount with LV Transformer



MTP - Mounting Spike with Transformer



Spike (SPB)



SPP - LV Mounting Spike



Project Name _____ Fixture Type _____
Catalog # _____

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