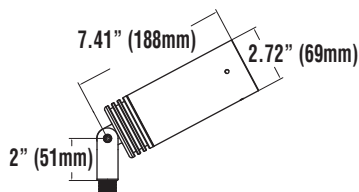


LED ALV PAR20 SIGN LIGHTS (XALV SL) – LINE VOLTAGE

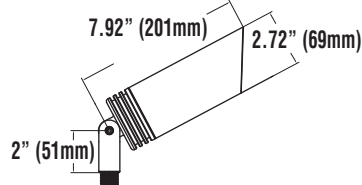


DIMENSIONS

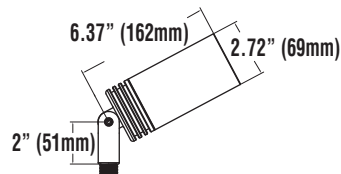
XALV SL PAR20 LED SCDR



XALV SL PAR20 LED S3DR



XALV SL PAR20 LED SSDR



Average Watts = 16W

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 PAR20 Line Voltage, module offers a choice of 3 color temperatures; Neutral White (4000K), Warm White (3000K) and Very Warm (2700K), CRI>80 (nominal). The lamp features 4 “field selectable” light levels of 100%, 80%, 55% & 18%, via an easily accessible push button.

OPTICS / DISTRIBUTION - Choice of 4 beam patterns; Spot (SP) = 15°, Narrow Flood (NF) = 23°, Flood (FL) = 35° and Wide Flood (WF) = 51°. XALV Sign Lights are easy to adjust, aim and lock in place.

WIRING - Pre-wired with 200°C rated Tefzel wire. 96” extended leads are provided (SL).

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

MOUNTING - RM – Rear Mount arms have a ½” NPSM threaded stainless steel connector for attachment to J-box or mounts.

ELECTRICAL - 120 VAC, 50/60 HZ input. Complies with UL8750 safety regulations and with ANSI/IEEE C62.41 Class A operation.

LED ENGINE - Powered by a fully integrated, constant current, line voltage Class 2 LED driver, with active power factor correction. Phase dimmable.

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

FINISH - Standard finishes are BRS - Bronze Smooth, WHS – White Smooth and BKS – Black Smooth finishes. MSV – Metallic Silver, SVG – Satin Verde Green and 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 ALV fixtures.
- Available Spread Lenses, Color Filters, and Louvers expand performance.
- Shield/Lens combinations give designers unequalled choice and flexibility.

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

SHIPPING WEIGHT - 5 lbs.

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

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



Project Name _____ Fixture Type _____
Catalog # _____

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LED ALV PAR20 SIGN LIGHTS (XALV SL) – LINE VOLTAGE

PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XALV SL LED20 NW FL 120V S3UF MSV MS24 A90 TMA J4R WM**

Prefix	Type	Light Source	Color Temp ³	Beam Angle ⁴	Voltage	Shield(s)	Finish	Mounting Accessories
XALV (LED ALV - Line Voltage)	SL - Sign ¹ Light	LED20 ²	NW - Neutral White (4000K) WW - Warm White (3000K) VW - Very Warm White (2700K)	SP - Spot Flood NF - Narrow Flood FL - Flood WF - Wide Flood	120V	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 Stems MSXX - Straight Stem (Specify Length) 6", 12", 18", 24", 30", & 36" Mounting Brackets A90 - 90° Arm Bracket CH - Classic Hook Bracket TMA - Twin Mount Adaptor ⁶ SLB90 - Single 90° Sign Light Bracket TLB90 - Twin 90° Sign Light Bracket ⁶ Junction Boxes J4R SC - Junction Box J4R SCE - Junction Box Side Conduit Entry ACCESSORIES⁵ CFX20 - PAR20 Color Filters ⁷ HL20 - PAR20 Hexcell Louvers LS20 - PAR20 Linear Spread Lenses PS20 - PAR20 Prismatic Spread Lenses

NOTES:

1. SL - Sign Lights. Sign lights have 96" extended leads for use with mounting stems & brackets.
2. PAR20 - Lamp provides choice of 4 field selectable light levels: 100%, 80%, 55% & 18%.
3. Color Temperatures; NW = 4,000K, WW = 3,000K, VW = 2,700K.
4. Beam Angle: SP = 15 degrees, NF = 23 degrees, FL = 35 degrees, WF = 51 degrees.
5. Only Single Filter/Louver Accessory Can Be Installed in Shield
6. TLB90 & TMA twin mounts supplied with 2ea identical XALV SL luminaires.
7. Color Filters - Replace "X" with required filter color - R-Red, G-Green, B-Blue, Y-Yellow.



A90 - 90° Arm



**UH - U Hook
180° Arm Bracket**



CH - Classic Hook



MS - Straight Stem



**TMA - Twin
Mount Adaptor**



**SLB90 - Single 90°
Sign Light Fitting**



**TLB90 - Twin 90°
Sign Light Fitting**



**JAR SC
Junction Box**



Project Name _____ Fixture Type _____
Catalog # _____

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