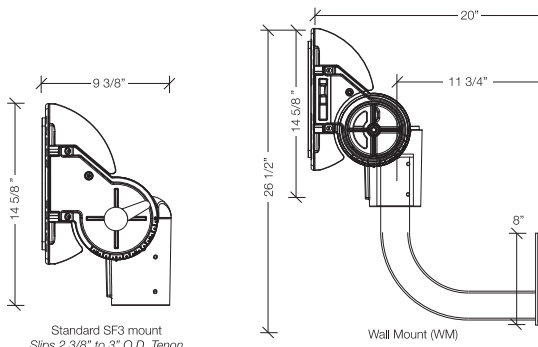
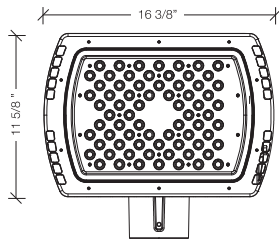


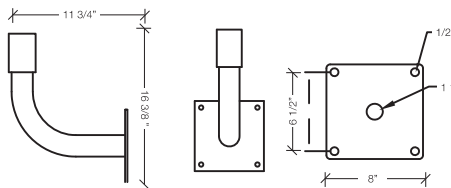
ALP LED FLOODLIGHT SERIES



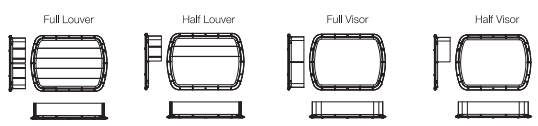
DIMENSIONS



Mounting



Options



SPECIFICATIONS

INTENDED USE - The ALP Luminaire is a high performance "LED" energy and maintenance lighting solution, designed with optical versatility. Markets include large areas requiring perimeter lighting, security fence lighting, truck terminals, car lots, recreational sports lighting, airport ramp lighting and building flood-lighting. The ALP LED luminaire is intended to be used to reduce energy and maintenance associated with HID legacy lighting technology.

CONSTRUCTION - Electrical compartment and fitter are made from die cast aluminum that is pre-treated and powder-coated to meet the most rugged industry standards. The finish is corrosion resistant to meet ASTM-B-117, resists cracking or loss of adhesion per ASTM D522, resists surface impacts of up to 160 inch-pound. All external hardware is corrosion resistant.

The adjustable knuckle is designed to slip fit 2 3/8" to 3" O.D. tenon. The knuckle is designed for continuous aiming adjustment without the use of cast serrations. The cast knuckle uses cast external degree markers for aiming. The aiming adjustment is design to operate with a single bolt adjustment. The Alpha can adjust 30° up from Nadir to straight up vertical.

ELECTRICAL - Luminaires are equipped with an LED driver that accepts 100V through 277V, (UNV), or a driver that accepts 347V or 480V input. Power factor is .92 at full load. All electrical components are rated at 50,000 hours at full load and 40-C ambient conditions. Optional 0 to 10 volt dimming drivers are available upon request. Component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600VAC at 50°C or higher. Plug disconnects are listed by UL for use at 600 VAC. The on-board surge protector shall be a UL recognized and has a surge current rating of 20,000 Amps

OPERATING ENVIRONMENT - Shall be able to operate normally in ambient temperatures from -40°C to 40°C

OPTICS - The ALP features revolutionary individual LED optical control based on TIR high performance acrylic optical designs. Flood Lighting optics are available in 2x2, 4x4, 5x5, 6x6, 5x3 and 3x5 NEMA distributions and are interchangeable with Type 2, 3,4, and Type V roadway and area lighting optics. The ALP also features a protective lens cover. Well designed optics result in fewer poles and fixtures that use less energy consumption, while improved light distribution result in lower life-cycle cost as well as initial installation costs. Thermal circuit shall protect the luminaire from excessive temperature by interfacing with its 0-10V dimmable drivers to reduce drive current as necessary. The factory-preset temperature limits shall be designed to ensure maximum hours of operation.

FINISH - Polyester powder-coat electrostatically applied and thermos cured. Finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish. The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

CERTIFICATIONS - The luminaire shall bear a CSA label and be marked suitable for wet locations.

WARRANTY - 5 year limited warranty. Contact you WLS Representative for more information.

CCT (COLOR TEMP) Lumen Output Multipliers	CRI (Color Rendering)
5000° K = 1.0	min 67 CRI
4000° K = .92	min 70 CRI
3000° K = .75	min 80 CRI

Approved By: _____ Project Name: _____

Location: _____ Date: _____

P.O. Box 100519 | Fort Worth, TX 76185 | 800.633.8711 | Fax: 817.735.4824 | www.wslighting.com

ALP LED FLOODLIGHT SERIES

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

SERIES	LED ENGINE	COLOR TEMP.	OPTICS	VOLTAGE	FINISH	SHIELD OPTIONS	OPTIONS
ALP-D Down light ALP-U Up light	24L - 24 LED array, 55 watts 36L - 36 LED array, 80 watts 60L - 60 LED array, 136 watts 72L1 - 72 LED array, 170 watts 72L2 - 72 LED array, 220 watts	3K - 3000K 4K - 4000K 5K - 5000K, standard	2X2 - Narrow spot 4X4 - Narrow flood 5X5 - Medium flood 6X6 - Wide flood 5X3 - Horizontal flood 3X5 - Vertical flood	UNV - 120-277V 347 - 347V 480 - 480V	BBK - Basic black, textured MBK - Matte black, textured WHT - White, textured MBT - Metallic bronze, textured BZT - Bronze, textured DBT - Dark bronze, textured GYS - Gray, smooth DPS - Dark platinum, smooth GNT - Green, textured MST - Metallic silver, textured MTT - Metallic titanium, textured OWI - Old world iron RAL - _____	FL - Full louver FV - Full visor HL - Half louver HV - Half visor	Mounting WM - Wall mount PM - 3" pier mount TN - 2-3/8" OD tenon, standard Electrical PCB - Photocell, button PCT - Photocell, ^{1,3} twist-lock PCS - Photocell, ^{1,3} shorting cap 2DF - Dual power ^{1,2} feed

RPVS **36L** **4K** **4X4** **UNV** **MBK** **HV** **WM**

(EXAMPLE ORDER)

ORDER:
WLS ALP

FOOTNOTES:

- 1 - Not available @ 347V or 480V input
- 2 - Available on 24L, 72L1, and 72L2 only
- 3 - PCT and PCS not available on ALP-U

Approved By: _____ Project Name: _____

Location: _____ Date: _____



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Consider the Impact!