UAR-21052
Arizona 5 Post Top

microVos TECHNOLOGY

LIGMAN LIGHTING USA

**37w LED
3519 Lumens**

IP65
Suitable for wet locations

IK08
Impact Resistant [Vandal Resistant]

EPA – 1.48

Weight – 43.4 lbs

POLE NOT INCLUDED

TURTLE FRIENDLY

8.8"
4.1"
30.6"
4"

Fixture Detail

Ø2.9"x3.5"

Tenon Detail

4.1"
30.6"

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Ligman's micro Variable Optical System provides the ability to interchange, mix & rotate optics to provide specific light distributions for optimized spacing and uniformity.

Type I   Type II   Type III

Type IV   Type V

The variable optic system allows for the designer to create hybrid distributions for precise lighting requirements.

**HYBRID
TYPE I & TYPE IV**

Construction

Aluminum
Less than 0.1% copper content – Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength , clean detailed product lines and excellent heat dissipation.

Pre paint
8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

Memory Retentive -Silicon Gasket
Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

Thermal management
LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

Surge Suppression
Standard 10kv surge suppressor provided with all fixtures.

BUG Rating
Contact Factory

Finishing
All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

Paint
UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

Inspired by Nature Finishes
The Inspired by nature Finishing is a unique system of decorative powder coating. Our metal decoration process can easily transform the appearance of metal or aluminum product into a wood grain finish.

This patented technology enables the simulation of wood grain, and even marble or granite finish through the use of decorative powder coating.

The wood grain finish is so realistic that it's almost undistinguishable from real wood, even from a close visual inspection. The system of coating permeates the entire thickness of the coat and as a result, the coating cannot be removed by normal rubbing, chipping, or scratching.

The Coating Process
After pre-treatment the prepared parts are powder coated with a specially formulated polyurethane powder. This powder provides protection against wear, abrasion, impact and corrosion and acts as the relief base color for the finalized metal decoration.

The component is then wrapped with a sheet of non-porous film with the selected decoration pattern printed on it using special high temperature inks.

This printed film transfer is vacuum-sealed to the surface for a complete thermo print and then transferred into a customized oven. The oven transforms the ink into different forms within the paint layer before it becomes solid. Finally, the film is removed, and a vivid timber look on aluminum remains.

Wood grain coating can create beautiful wood-looking products of any sort. There are over 300 combinations of designs currently in use. Wood grains can be made with different colors, designs, etc.

Our powder coatings are certified for indoor and outdoor applications and are backed by a comprehensive warranty. These coatings rise to the highest conceivable standard of performance excellence and design innovation.

Added Benefits
• Resistance to salt-acid room, accelerated aging
• Boiling water, lime and condensed water resistant
• Anti-Graffiti, Anti-Slip, Anti-Microbial, Anti-Scratch
• Super durable (UV restant)
• TGIC free (non-toxic)

Hardware
Provided Hardware is Marine grade 316 Stainless steel.

Anti Seize Screw Holes
Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

High Impact Acrylic Lens
Manufactured with Ultra High Impact, Naturally UV Stabilized Injection Molded Acrylic.

Optics & LED
Precise optic design provides exceptional light control and precise distribution of light.
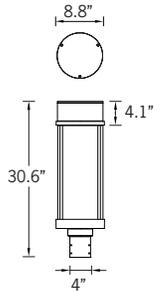LED CRI > 80

Lumen – Maintenance Life
L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

**Streamlined lighting post top.
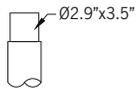Clean-lined, smooth round decorative ambient lighting post top with opal lateral diffuser.**

The Arizona is an elegant post top that is suitable for both modern and classic architecture. Ideal for creating visual guidance with exceptional visual comfort. The dual sealed optical chamber with integrated heat sinks houses a range of field interchangeable optically controlled LED's, providing Type V distribution.

This product range is available in a 28w option for the 6.3" and 37w & 39w for the 8.8" diameter post top. Customer specific wattages can be provided, contact the factory for more information.
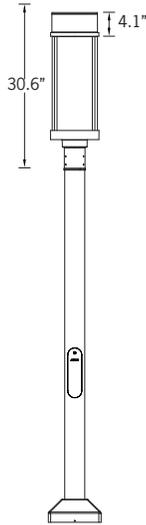
This product range is complemented with high performance optics in the wall mounted luminaire and column configuration, to provide a consistent range of design aesthetics for the project. See website for more information.
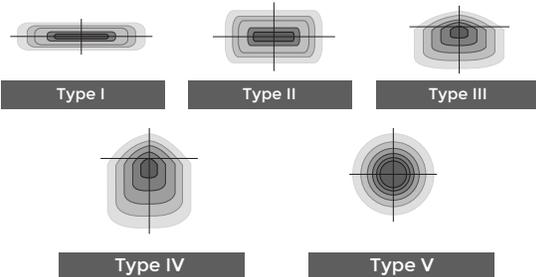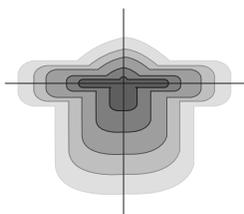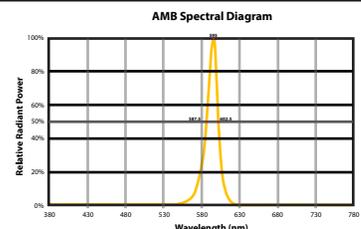
CITY OF FLAGSTAFF & TURTLE FRIENDLY COMPLIANT

AMB Spectral Diagram

Relative Radiant Power
Wavelength (nm)

Narrow-Spectrum Amber LEDs
Peak wavelength between 585 & 595 nanometers and a full width of 50% power no greater than 15 nanometers.

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PROJECT		DATE	
QUANTITY		**TYPE**		**NOTE**	

ORDERING EXAMPLE || UAR - 21052 - 37w LED - T2 - W30 - 02 - 120/277v

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UAR-21052					
	LAMP	**BEAM**	**LED COLOR**	**FINISH COLOR**	**VOLTAGE**

LAMP
37w LED
3519 Lumens

BEAM
T1 - Type I Distribution
T2 - Type II Distribution
T3 - Type III Distribution
T4 - Type IV Distribution

LED COLOR
W27 - 2700K
W30 - 3000K
W35 - 3500K
W40 - 4000K
AMB - TURTLE FRIENDLY Amber LED

FINISH COLOR
01 - BLACK RAL 9011
02 - DARK GREY RAL 7043
03 - WHITE RAL 9003
04 - METALLIC SILVER RAL 9006
05 - MATTE SILVER RAL 9006
06 - LIGMAN BRONZE
07 - CUSTOM RAL

VOLTAGE
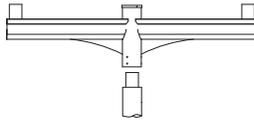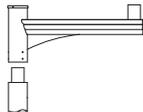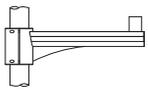120/277v
Other - Specify

INSPIRED BY NATURE FINISHES
SW01 - OAK FINISH
SW02 - WALNUT FINISH
SW03- PINE FINISH
DF - DOUGLAS FIR FINISH
CW - CHERRY WOOD FINISH
NW - NATIONAL WALNUT FINISH
SU01 - CONCRETE FINISH
SU02 - SOFTSCAPE FINISH
SU03 - STONE FINISH
SU04 - CORTEN FINISH

THERE IS AN ADDITIONAL COST FOR THESE FINISHES

ADDITIONAL OPTIONS

DIM - 0-10v Dimming
NAT - Natatorium Rated
HSS - House Side Shield

A20176 Aluminum Arm Pole Clamp	A20276 Aluminum Single Arm	A20376 Aluminum Double Arm

More Custom Finishes Available Upon Request
Consult factory for pricing and lead times

Oak

Cherry

Beech

Carbon

Walnut

Chestnut

Bamboo

Galvanized

Pine

Mahogany

Birch

Steel

Example: Inspired by Nature Finish

ETL us
Intertek

Arizona Product Family

Arizona 1
- UAR-21012-28w-1826lm

Arizona 2
- UAR-20973-39w-3657lm
- UAR-20974-37w-3697lm

Arizona 2
- UAR-20973-21131-39/2x21w
- UAR-20974-21131-37/2x21w

Arizona 2
- UAR-20973-21151-39/3x15w
- UAR-20974-21152-37/3x15w

Arizona 2
- UAR-20973-21161-39/3x15w
- UAR-20974-21162-37/3x15w

Arizona 3
- UAR-20991-50w-4396 lm

Arizona 3
- UAR-20992-85w-9243lm
- UAR-20993-115w-12795lm

Arizona 4
- UAR-21041-28w-1826lm

Arizona 5
- UAR-21051-39w-3657lm
- UAR-21052-37w-3519lm