UZA-20001
Zaab 2 Single Side Cluster Column

LIGMAN LIGHTING USA

3x40w COB
3x4091 Lumens

IP66
Suitable for wet locations

IK07
Impact Resistant [Vandal Resistant]

Weight 81.1 lbs

POLE NOT INCLUDED

59"
11.8"
11.8"
29.5"

Specify Height

⌀5.5"

⌀12.2"

Top View
17.3"
350°
6"
80°
40°

Mounting Detail
11.82"
9.46"
0.87x1.5"

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.

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 resistant)
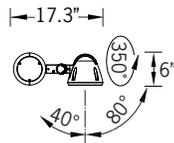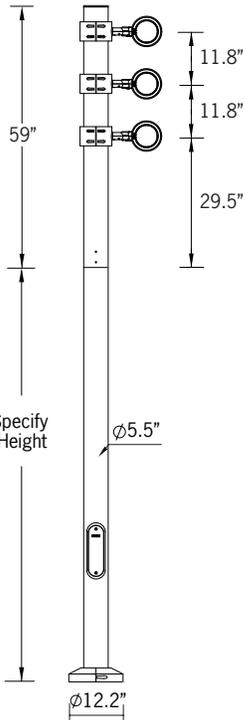• TGIC free (non-toxic)

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.
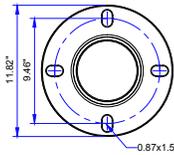
Crystal Clear Low Iron Glass Lens
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

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)

Adjustable surface spotlight family.
Conical, stylish spotlight range with a wealth of options and accessories.

A Decorative Event Column using oval shaped LED floodlights with various beam spreads and a selection of accessories.

Ideal for precise lighting of facades, sculptures, signage and architectural details. The floodlights can be aimed in different directions to highlight specific features or elements in the environment, as well as provide security when illuminating dark areas on campuses and parks. This luminaire is configurable and allows the customer to specify Zaab luminaires with different beam spreads to be mounted on the pole to suit specific requirements. These fixtures can be individually wired and controlled.

These luminaires are available with a selection of optional attachments that include; anti-glare visors, anti-glare hoods, concentric ring louvres, and linear spread lenses. To add color to the lighting design, we are also able to provide dichroic lenses.

As a standard product this is offered in a 6 fixture configuration, however the fixture quantities, positions and beam spreads can be manufactured to suit designer's specifications. Please contact the factory for your specific floodlight requirements.

The Zaab Cluster adds to Ligman's comprehensive range of event pole cluster luminaires with different floodlight shapes, styles and wattages. [see Ligman website for other floodlight options including RGBW]

Depending on pole height and EPA conditions, an extruded aluminum or steel column is manufactured to customer height requirements provided with anchor bolts and aluminum bolt cover. The Zaab Floodlights are fully rotational and adjustable with a secure locking mechanism. The Zaab can also be provided in a 20w or 30w option.

Additional Options (Consult Factory For Pricing)

A52631 Anti Glare Visor	A52731 Anti Glare Hood	A51721 Anti Glare Louvre	A54231 Snoot

Dichroic Color Filters	A51014 Linear Spread Lens

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LIGMAN LIGHTING USA

PROJECT		DATE	

QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UZA - 20001 - 3x40w LED - N - W30 - 02 - 120/277v

UZA-20001

	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	3x40w COB	N - Narrow 16˚	W27 - 2700K	01 - BLACK RAL 9011	120/277v
	3x4091 Lumens	M - Medium 23˚	W30 - 3000K	02 - DARK GREY RAL 7043	Other - Specify
		W - Wide 44˚	W35 - 3500K	03 - WHITE RAL 9003	
		VW - Very Wide 69˚	W40 - 4000K	04 - METALLIC SILVER RAL 9006	
				05 - MATTE SILVER RAL 9006	
				06 - LIGMAN BRONZE	
				07 - CUSTOM RAL	

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

F - Frosted Lens	A51721 - Anti Glare Louvre	**DICHROIC COLOR FILTERS**
DIM - 0-10v Dimming	A51014 - Linear Spread Lens	A51016 - Red Color Filter
NAT - Natatorium Rated	A54231 - Snoot	A51017 - Blue Color Filter
A52631 - Anti Glare Visor		A51018 - Amber Color Filter
A52731 - Anti Glare Hood		A51019 - Green Color Filter

* Anti Glare Hood, Anti Glare Louvre and Visor cannot be combined, choose one

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

cETLus
Intertek

Zaab Product Family

Zaab 1

• UZA-50001-21w-1739lm

Zaab 2

• UZA-50011-40w-4019lm

Zaab 3

• UZA-20001-3x40w-3x4091lm
• UZA-20011-6x40w-6x4091lm