

# UZA-20011

## Zaab 2 Double Side Cluster Column



6x40w COB  
6x4091 Lumens

IP66  
Suitable for wet locations

IK07  
Impact Resistant [Vandal Resistant]

Weight 96.5 lbs

POLE NOT INCLUDED

### 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)



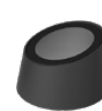
A52631  
Anti Glare Visor



A52731  
Anti Glare Hood



A51721  
Anti Glare Louvre



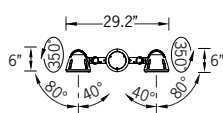
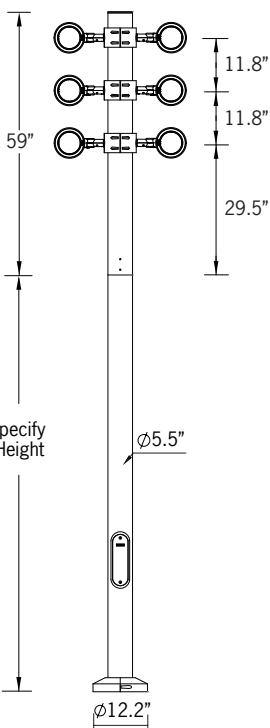
A54231  
Snoot



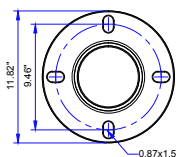
Dichroic Color Filters



A51014  
Linear Spread Lens



Top View



Mounting Detail

|          |  |      |  |      |      |  |
|----------|--|------|--|------|------|--|
| PROJECT  |  |      |  |      | DATE |  |
| QUANTITY |  | TYPE |  | NOTE |      |  |

ORDERING EXAMPLE || UZA - 20011 - 6x40w LED - N - W30 - 02 - 120/277v

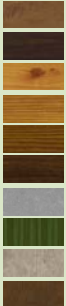
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|-----------|----------------------------|------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| UZA-20011 |                            |                                                                        |                                                          |                                                                                                                                                                               |                             |
|           | LAMP                       | BEAM                                                                   | LED COLOR                                                | FINISH COLOR                                                                                                                                                                  | VOLTAGE                     |
|           | 6x40w COB<br>6x4091 Lumens | N - Narrow 16°<br>M - Medium 23°<br>W - Wide 44°<br>VW - Very Wide 69° | W27 - 2700K<br>W30 - 3000K<br>W35 - 3500K<br>W40 - 4000K | 01 - BLACK RAL 9011<br>02 - DARK GREY RAL 7043<br>03 - WHITE RAL 9003<br>04 - METALLIC SILVER RAL 9006<br>05 - MATTE SILVER RAL 9006<br>06 - LIGMAN BRONZE<br>07 - CUSTOM RAL | 120/277v<br>Other - Specify |

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

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

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

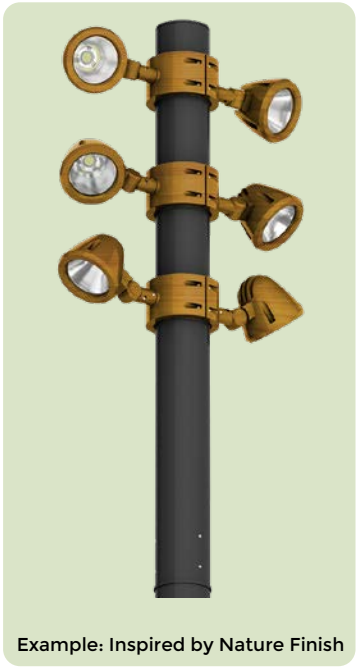


THERE IS AN ADDITIONAL COST FOR THESE FINISHES

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                                                                                                                                                                                                                                                       |



# 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