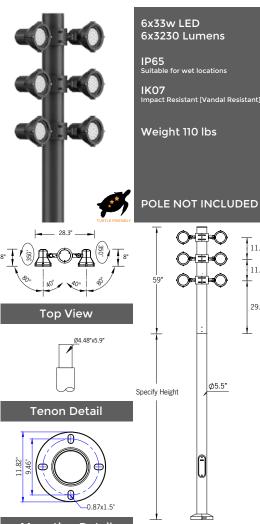
UMI-21053 Mic 3 Cluster Column



Mounting Detail

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

I M6 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 B5 - U5 - G5

Finishing

11.8

11.8"

29.5'

Ø5.5"

Ø12.2

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

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.

<u>Anti Seize Screw Holes</u> 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

with tempered d, impact resistant crystal clear low iron glass ensuring no green glass tinge.

Optics & LED

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice

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 column spotlight cluster solution. Flexible project solutions in attractive cluster arrangements using the popular form-factor Mic series of spotlights.

A Decorative Event Column using a variety of LED floodlight wattages and beam spreads with 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 Mic luminaires that vary in wattages from 20w, 30w, 40w & 50w luminaires to be mounted on the pole, as well as a variety of beam spreads to suit specific requirements. These fixtures can be individually wired and controlled.

These luminaires are avaialable with a selection of optional attachments that include; anti-glare visors, anti-glare hoods, hexcell louvres, concentric ring louvre 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, watts & beam spread can be manufactured to suit designer's specifications. Please contact the factory for your specific floodlight requirements.

The Mic 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]

Extruded aluminum or painted galvanized steel column manufactured to customer height requirements provided with anchor bolts and aluminum bolt cover. The Mic Floodlights are fully rotational and adjustable with a secure locking mechanism.

Additional Options (Consult Factory For Pricing)

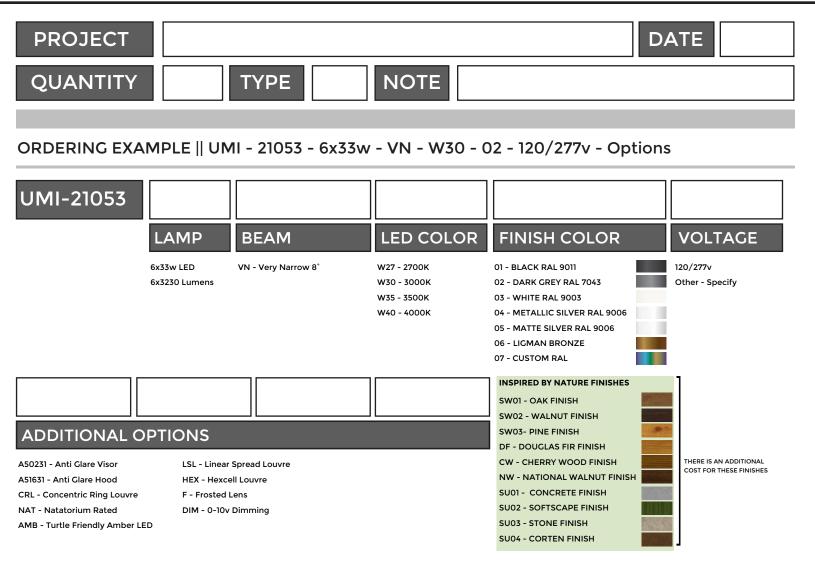




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Mic 3 Cluster Column





More Custom Finishes Available Upon Request

Consult factory for pricing and lead times



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Mic Product Family





• UMI-21111-38w-2403lm

• UMI-21071-2x38w-2x2403lm