

UCA-30596

Capsule 4 Surface



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
B0 - U3 - G1

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.

MicroPRIM Finishes
MicroPRIM is Ligman's trade marked decorative powder coating technology that permanently infuses colors, patterns, or imagery directly into the surface of luminaires and poles while providing protections that standard powder coating does not offer.

MicroPRIM finishes include nature-inspired wood grains and stone aesthetics, material-inspired finishes such as brushed metal, concrete, and carbon fiber, Solid colors in Ligman standard colors, as well as any RAL or Pantone color, Decorative patterns, custom imagery and more.

Coating and Infusion Process

Metal components are pre-treated and powder coated with a proprietary polyurethane-based coating engineered for outdoor architectural use. Decorative patterns or imagery are then permanently infused into the cured powder coat through a heat-based process, creating a durable, integrated finish.

Performance and Validation

MicroPRIM finishes are suitable for indoor and outdoor applications and meet AAMA2605 architectural coating requirements. Performance is validated through laboratory and real-world testing to ASTM standards for UV exposure, adhesion, abrasion, impact, salt spray, chemical resistance, and graffiti resistance.

All MicroPRIM finishes are backed by Ligman's 10-year warranty.

- Key Performance Attributes**
- Anti-graffiti resistance
 - UV and weather resistance
 - Scratch and abrasion resistance
 - Natatorium Rated for installation in corrosive environments)

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.

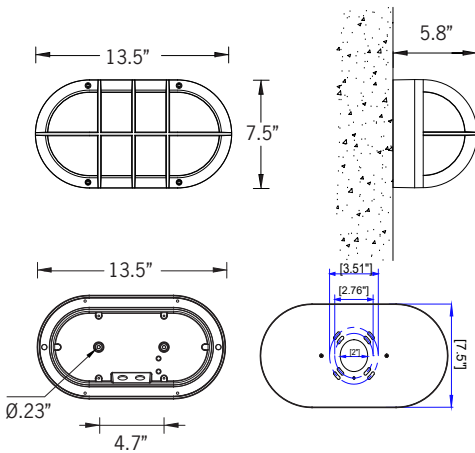
High Impact Acrylic Lens
Manufactured with Ultra High Impact, Naturally UV Stabilized Injection Molded Acrylic.

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)



15w LED 1,427 Lumens
IP65 · Suitable For Wet Locations
IK08 · Impact Resistant (Vandal Resistant)
Weight 5 lbs



Mounting Detail

Shielded, wall-mounted bulkhead range. Classic utilitarian bulkheads with numerous options and a contemporary twist.

A range of capsule shaped bulkheads with polycarbonate diffuser. Ideal for numerous indoor or outdoor applications. Capsule 1, 3 and 4 can be given a more striking appearance by optional grill attachments. While Capsule 5 has a visor option to eliminate uplight.

All Ligman fixtures can be manufactured using a special pre-treatment and coating process that ensures the fixture can be installed in natatoriums as well as environments with high concentrations of chlorine or salt and still maintain Ligman's 10-Year warranty.

For this natatorium rated process please specify NAT in options.

**** Motion Sensor - Microwave (0-10v Dim)****

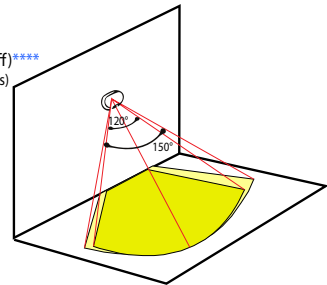
Adjustable Sensor: (10 Seconds - 15 Minutes)

- 150° Sensitivity
- Sensor Detection Range:
- UCA-30505-1MS (88ft - 223ft)
- UCA-30325-1MS (98ft - 229ft)
- UCA-30596-1MS (98ft - 213ft)
- UCA-30606-1MS (52ft - 131ft)

**** Motion Sensor - Microwave (On/Off)****

Adjustable Sensor (5 Seconds to 30 Minutes)

- 120° Sensitivity
- Sensor Detection Range:
- UCA-30505-1MS (75ft - 180ft)
- UCA-30325-1MS (85ft - 229ft)
- UCA-30596-1MS (45ft - 180ft)
- UCA-30606-1MS (42ft - 78ft)



1MS - Integrated Motion Sensor



PROJECT		DATE	
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QUANTITY		TYPE		NOTE	
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ORDERING EXAMPLE || UCA - 30596 - 15w - W30 - 02 - 120/277v - Options

UCA-30596																					
LAMP	15w LED 1427 Lumens	LED COLOR	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K AMB - TURTLE FRIENDLY Amber LED	FINISH COLOR	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20px;">01 - BLACK RAL 9011</td><td></td></tr> <tr><td>02 - DARK GREY RAL 7043</td><td></td></tr> <tr><td>03 - WHITE RAL 9003</td><td></td></tr> <tr><td>04 - METALLIC SILVER RAL 9006</td><td></td></tr> <tr><td>05 - MATTE SILVER RAL 9006</td><td></td></tr> <tr><td>06 - LIGMAN BRONZE</td><td></td></tr> <tr><td>07 - CUSTOM RAL</td><td></td></tr> </table>	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
01 - BLACK RAL 9011																					
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07 - CUSTOM RAL																					

ADDITIONAL OPTIONS	

NAT - Natatorium Rated
TMS - Microwave Motion Sensor

More Custom Finishes Available Upon Request

Consult factory for pricing and lead times

MicroPRIM 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
- CSM - Custom Image/Pattern

MicroPRIM FINISHES

- MP - MAPLE FINISH
- MHG - MAHOGANY FINISH
- BH - BEECH FINISH
- CN - CHESTNUT FINISH
- WMBL - WHITE MARBLE FINISH
- MBL - MARBLE FINISH
- GRNT - GRANITE FINISH
- BGD - BRUSHED GOLD FINISH
- BBRZ - BRUSHED BRONZE FINISH
- CAMO - CAMOUFLAGE FINISH

- MP01 - MicroPRIM RAL 9011 Black (Glossy)
- MP02 - MicroPRIM RAL 7043 Dark Grey (Glossy)
- MP03 - MicroPRIM RAL 9003 White (Glossy)
- MP04 - MicroPRIM RAL 9006 Metallic Silver (Glossy)
- MP05 - MicroPRIM RAL 9006 Matte Silver (Matte/Textured)
- MP06 - MicroPRIM Ligman Bronze (Glossy)
- MP07 - MicroPRIM Custom Color (Glossy)



MicroPRIM Finish

