

UHAM-95001

Hamilton 7 Pendant



53w LED 7,027 Lumens
IP66 - Suitable For Wet Locations
IK08 - Impact Resistant
Weight 30.5 lbs

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

B2 - U0 - G0 [EW]

B2 - U0 - G2 [T3]

B3 - U0 - G0 [M, W]

B1 - U0 - G1 [ME, T2, T4]

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.

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)

Classic urban neighborhood wall-mounted luminaire family. Timeless lines coupled with unparalleled build quality, flexibility and performance.

The Hamilton Pendant is a decorative pendant luminaire designed for entrance, retail, and showroom lighting. Form coordinated with the Hamilton luminaire family for site-wide design continuity. Die Cast Aluminum construction for wet-location exterior use. Swivel mount with up to 90-degree pivot accommodates seismic and sloped-ceiling installation. On-board integral driver, no remote driver box.

Additional Options (Consult Factory For Pricing)



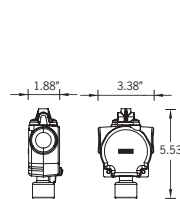
A90991
Zhaga Book 18



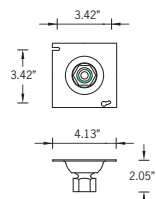
A90891
NEMA 7



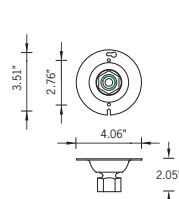
RNG
Decorative Rings



A90521
Catenary Suspension



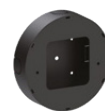
A90321
Swivel Pendant Square
for Angles up to 20°



A90421
Swivel Pendant Round
for Angles up to 20°



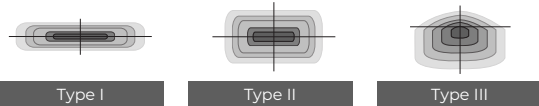
SME
Swivel Mount Extension
for Angles up to 80°



SCBT
Surface Conduit
Box Trim



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

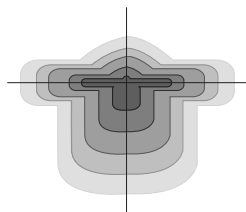


Type IV



Type V

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



HYBRID
TYPE I & TYPE IV

UHAM-95001

Hamilton 7 Pendant



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UHAM - 95001 - 53w - T2 - W30 - 02 - 120/277v - Options

UHAM-95001					
LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE	
53w LED 7,027 Lumens	M - Medium Beam 30° W - Wide Beam 57° EW - Extra Wide Beam 110° T1 - Type I Distribution T2 - Type II Distribution T3 - Type III Distribution T4 - Type IV Distribution ME - Type ME Distribution	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K AMB - Turtle Friendly Amber LED	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	120/277v	

ADDITIONAL OPTIONS		

- NAT - Natatorium Rated

DIM - 0-10v Dimming

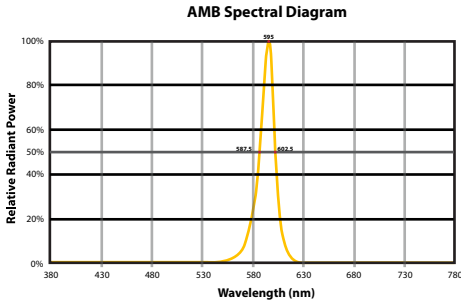
RNG - Decorative Rings

F - Frosted Lens
- EMR - Remote Mount Mini Inverter

A90991 - Zhaga Book 18

A90891 - NEMA 7

CITY OF FLAGSTAFF & TURTLE FRIENDLY COMPLIANT



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

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

BCD - 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)



Example: MicroPRIM Finish