UQA-21025
Quantum 2 Single Head Streetlight

77w LED
3012 Lumens

IP66
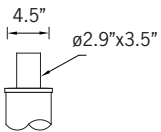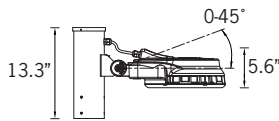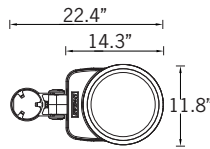Suitable for wet locations

IK08
Impact Resistant [Vandal Resistant]

EPA - 1.67

Weight 23.8 lbs

POLE NOT INCLUDED

RGBW

22.4"
14.3"
11.8"

0-45°
13.3"
5.6"

4.5"
ø2.9"x3.5"

Tenon 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
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
B3 - U1 - G0

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 restant)
• 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 column-mounted technical projector solution. Flexible technical project solutions in attractive column-downlight using the Stylish premium Quantum projectors.

This modern shaped medium sized pole mounted Quantum series brings a new look to Ligman outdoor street and parking area luminaires. This series offers premium Ligman symmetrical light distribution optics, as well as type II, III & IV light distributions.

This luminaire can tilt adjusted up to 80 degrees to provide onsite adjustment to optimize the light distribution to specific design requirements. This product could also be used for building facade lighting. An example of this could be a two head unit with type II distribution for the roadway with a type V floodlight optics aimed at the building for facade lighting.

Designed for contemporary city scapes, architectural office building areas, public areas, and civic plazas. Quantum offers the specifier a new look with well controlled lighting optics.

The luminaire isprovided with integral driver. Provided with static white color temperature 2700K, 3000K, 3500K and 4000K. LED CRI >80 and life time 50,000 Hours.
This fixture is also available in RGBW in type V distributions.

UQA-21025
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LiGMAN LIGHTING USA

PROJECT		DATE	

QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UQA - 21025 - 77w - M - RGBW30 - 02 - 120/277v - Options

UQA-21025					

	LAMP	BEAM	RGBW COLOR	FINISH COLOR	VOLTAGE

LAMP
77w LED
3012 Lumens

BEAM
N - Narrow 20°
M - Medium 35°
E - Elliptical 25°x48°

RGBW COLOR
RGBW30 - Warm White 3200K
RGBW40 - Neutral White 4000K
RGBW65 - Cool White 6850K

FINISH COLOR
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
Other - Specify

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

DIM - 0-10v Dimming
NAT - Natatorium Rated
WLC - Wireless Lighting Controls
AMB - Turtle Friendly Amber LED

HSS - House Side Shield
F - Frosted Lens

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

ETL
c us
Intertek

Quantum Product Family

Quantum 1

- UQA-50001-42w-3634lm
- UQA-50003-32w-2790lm
- UQA-50004-33w RGBW-1432lm

Quantum 2

- UQA-50011-104w-10611lm
- UQA-50013-76w-7175lm
- UQA-50015-77w RGBW-4296lm

Quantum 3

- UQA-50021-269w-27436lm
- UQA-50022-191w RGBW-12213lm

Quantum 1

- UQA-21001-3x42w-3x3634lm
- UQA-21003-3x32w-3x3250lm
- UQA-21004-3x33w RGBW-3x1185lm
- UQA-21011-6x42w-6x3634lm
- UQA-21013-6x32w-6x3250lm
- UQA-21014-6x33w RGBW-6x1185lm

Quantum 2

- UQA-21021-104w-10611lm
- UQA-21023-76w-7175lm
- UQA-21024-84w-8031lm
- UQA-21031-2x104w-2x10611lm
- UQA-21033-2x76w-2x7175lm
- UQA-21034-2x84w-2x8031lm

Quantum 2

- UQA-21025-77w-4296lm
- UQA-21035-2x77w-2x4296lm