

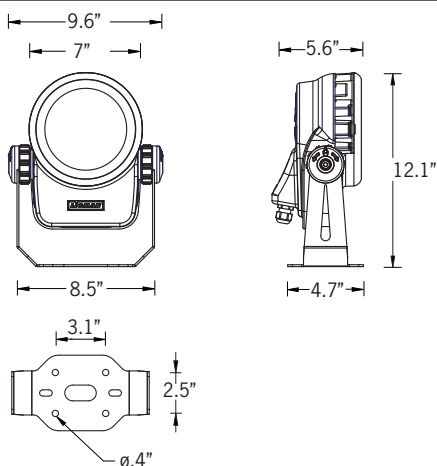
UQA-50001

Quantum 1 Small Floodlight

LIGMAN
LIGHTING USA



42w COB 3634 Lumens | 32w LED 2790 Lumens
IP66 • Suitable For Wet Locations
IK08 • Impact Resistant (Vandal Resistant)
Weight 8.1 lbs



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

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.

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-mounted technical floodlights. Premium projector solutions with stylish modern design, unique rotary thermal guard and numerous project options.

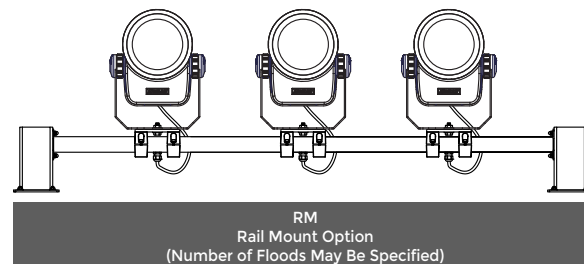
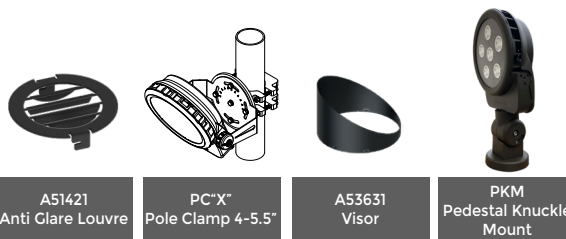
Quantum small and medium LED projector range with a modern and smart design. The high pressure die-cast housings have integrated heat sinks, as well as a internal waterproof control gear housing compartment. The mounting arm is attached to a ratcheting tilting adjustment that is lockable once the desired aiming position has been achieved. This mechanism allows for small incremental adjustments for precision aiming.

This fixture has been designed around powerful high performance LEDs and precision optics so that the luminaire can be used to illuminate various applications from building facades to high multi story surfaces and accents.

This luminaire range is available with RGBW dynamic color changing technology or static white LEDs to give the specifier artistic lighting options within the same unified product family.

Available in Narrow, Medium, Wide and Elliptical light distribution. RGBW full colours render for each LEDs and static white for Color temperature 2700K, 3000K, 3500K and 4000K. Single cable gland entry for wiring is standard. Optional anti-glare louvers are available as an option. Consult factory for available configurations.

Additional Options (Consult Factory For Pricing)



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UQA - 50001 - 42w COB - N - W30 - 02 - 120/277v

UQA-50001					
	LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
	42w COB 3634 Lumens	42w BEAM ONLY N - Narrow 25° M - Medium 33° W - Wide 47°	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K	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 Other - Specify
	32w LED 2790 Lumens	32w BEAM ONLY VN - Very Narrow 8°			

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ADDITIONAL OPTIONS

- F - Frosted Lens

DIM - 0-10v Dimming

NAT - Natatorium Rated

A51421 - Anti Glare Louvre

RM - Rail Mounted
(Specify # of Floods)
- A53631 - Visor

A51614 Linear Spread Lens

A53731 - Anti Glare Hood

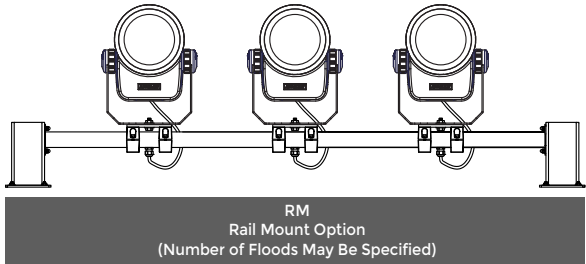
PKM - Pedestal Knuckle Mount
- POLE CLAMPS

PC4 - Pole Clamp 4" Dia

PC45 - Pole Clamp 4.5" Dia

PC5 - Pole Clamp 5" Dia

PC55 - Pole Clamp 5.5" Dia



Quantum Product Family



Quantum 1

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



Quantum 2

- UQA-50011-104w-10611lm
- UQA-50011-76w-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