

FS-USM-10693-RGBW

Smith Bollard



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

B1 - U4 - 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.

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 Extruded 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)

Straight and clean round bollard.
Smooth lines complimented with a smooth lighting effect from the opal vertical diffuser.

Smith is an elegant bollard that is suitable for both modern and classic architecture. Ideal for creating visual guidance with exceptional visual comfort. A sleek and minimalist shape provides distinctive lighting effects by night and decorative urban effect during the day. Suitable for pedestrian precincts, building surrounds, shopping centers, squares and parks. The luminaire is provided with a ultra high impact UV stabilized acrylic lens that provides excellent low glare vertical and illumination.

The Smith Bollard comes standard with a unique waterproof internal driver housing compartment that is situated at the top of the pole to stop water and dust from entering the electrical components. This fixture is supplied completely wired with powercord and waterproof gland from the driver enclosure to the base of the bollard ensuring quick trouble-free installation. Custom bollard heights are available, please specify. Color temperature 2700K, 3000K, 3500K and 4000K. Custom wattages can be provided to suit customer and Title 24 requirements. (Specify total watts per fixture)

Security Bollard: (12" Lens Only)

This Bollard is available as a traffic rated security bollard. This optional design includes a 1/4" wall thickness galvanized steel security pole with 2 1" galvanized cross support rods that are embedded into concrete.

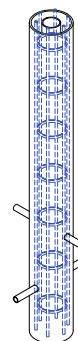
The standard security bollard provides restraint of vehicular traffic in unauthorized areas. Impact calculations shows this bollard will stop a 5,500lb/2.75 tons vehicle, travelling at 30mph. For additional strength, the galvanized pole must be filled with concrete up to the waterproof driver housing to provide a solid concrete barrier.

A K4 rated security bollard is also available. This bollard is provided with internal reinforcement and is to be filled with concrete at the job site by others. This bollard will stop a 15,000lb vehicle traveling at 30mph.

Additional Options (Consult Factory For Pricing)



SB Security Bollard



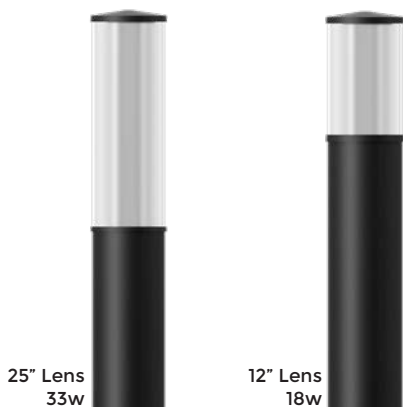
A12791 K4 Rated Security Bollard



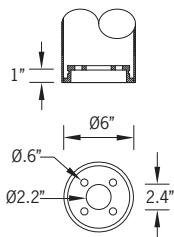
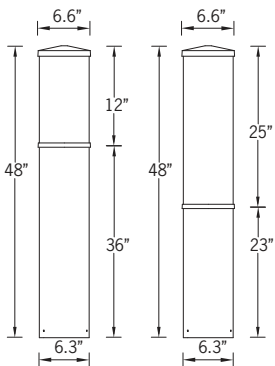
PS Perforated Shield



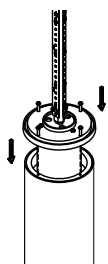
A91591 Lockable GFCI Box (Bollard Height 60")



33w LED 1644 Lumens | 18w LED 760 Lumens
IP55 • Suitable For Wet Locations
IK08 • Impact Resistant (Vandal Resistant)
Weight 17.4 lbs



Mounting Detail



Standard Internal Waterproof Driver Housing

FS-USM-10693-RGBW

Smith Bollard



PROJECT		DATE	
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QUANTITY		TYPE		NOTE	
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ORDERING EXAMPLE || USM - 10693 - 33w - RGBW30 - 02 - 120/277v - Options

USM-10693				
LAMP	RGBW COLOR	FINISH COLOR	VOLTAGE	
33w LED for 25" Lens 1644 Lumens 18w LED for 12" Lens 760 Lumens	RGBW30 - Warm White 3200K RGBW40 - Neutral White 4000K RGBW65 - Cool White 6850K	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	



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ADDITIONAL OPTIONS

- | | |
|--|---|
| GFCI - GFCI Box | PS - Perforated Shield |
| NAT - Natatorium Rated | UL - Unlit Bollard |
| DIM - 0-10v Dimming | HGT - Custom Bollard Height [Specify HGT=XX"] |
| SB - Security Bollard (12" Lens Only) | |
| A12791 - K4 Rated Security Bollard (12" Lens Only) | |
| A91591 - Lockable GFCI Box (Bollard Height 60") | |



Smith Product Family

