

ULH-10573

Lightsoft Mini 1



The innovative reflector technology of the Lightsoft bollard guarantees a high degree of efficiency and optimal visual comfort. Lightsoft has been developed to have excellent controlled downward light providing wide spacing ratios. It has three light shield accessories with different light distributions. The Lightsoft is available in a cylindrical or square shape design with two different heights.

The Lightsoft 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 and 4000K.

Custom wattages can be provided to suit customer and Title 24 requirements. (Specify total watts per fixture)

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 the 5 year warranty. For this natatorium rated process please specify NAT in options.

Security Bollard: (See Lightsoft 1)

The Lightsoft Bollard is available as a traffic rated security bollard. This optional design includes a 1/4" wall thickness galvanized steel security pole with qty. 2 solid 1" galvanized steel cross support rods that are embedded into concrete. This security bollard provides restraint of vehicular traffic in unauthorized areas. Impact calculations shows this bollard will stop a 5,500lb vehicle, travelling at 30mph. For additional strength, the galvanized pole can be filled with concrete up to the waterproof driver housing to provide a solid concrete barrier.

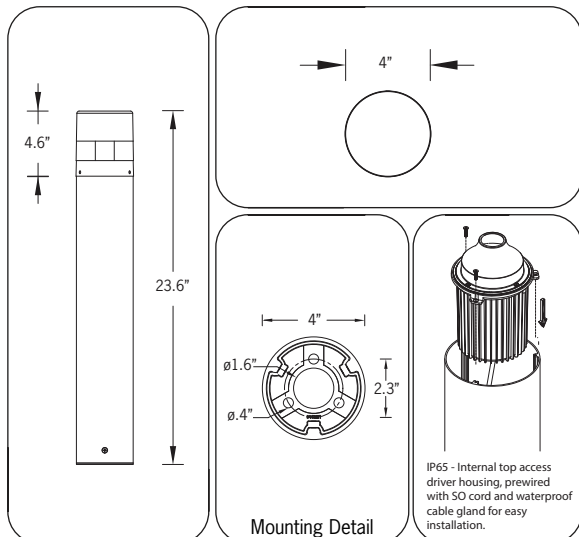
Physical Data

Length • 4"

Height • 23.6"

Weight • 6lbs

IP65 • Suitable For Wet Locations
IK04 • Impact Resistant (Vandal Resistant)



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 - U2 - 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. Bollard is powdercoated internally for additional protection.

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)

Standard Options

Lamp

14w LED

447 Lumens

LED Color

W27 • 2700K

W30 • 3000K

W40 • 4000K

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 - Bronze - RAL 6014
- 07 - Custom RAL

Options (Consult Factory for Pricing)

DIM - 0-10v Dimming

HGT - Custom Height, Please Specify

NAT - Natatorium & High Corrosion Environments

Ordering Example : ULH - 10573 - 14w - W30 - 02 - 120/277v - Options

ULH	10573	Lamp	LED Color	Color	Voltage	Options	
		14w LED	<div>W27 2700K</div> <div>W30 3000K</div> <div>W40 4000K</div>	<div>01 Black</div> <div>02 Dark Grey</div> <div>03 White</div> <div>04 Metallic Silver</div> <div>05 Matte Silver</div> <div>06 Bronze</div> <div>07 Custom RAL</div>	<div>120/277v</div> <div>Other (Specify)</div>	<div>DIM 0-10v Dimming</div> <div>HGT Custom Height</div> <div>NAT Natatorium Rated</div>	

PROJECT: DATE: QUANTITY:

TYPE: NOTE:

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice.

Head Office:
7144 NW Progress Ct
Hillsboro, Oregon 97124

Tel: 503-645-0500
Fax: 503-645-8100

www.ligmanlightingusa.com



Intertek

