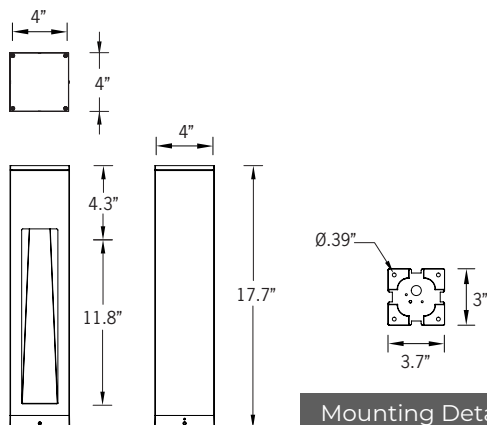


ULB-10851

LBX 5 Small Bollard



14w COB 453 Lumens
IP65 • Suitable For Wet Locations
IK09 • Impact Resistant (Vandal Resistant)
Weight 5.7 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

B0 - U3 - 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.

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)

Contemporary wayfinding fixture for glare free visual comfort. Sophisticated design that looks beautiful in both daytime and night time.

The LBX is an attractive range of square bollards featuring a regressed LED light engine designed to deliver excellent glare control and visual comfort. This series is ideal for illuminating pathways, driveways, plazas, and similar pedestrian environments.

The bollard provides a forward-projecting light distribution, making it an effective solution in applications where minimizing light trespass behind the fixture is essential.

This compact-profile bollard is supplied with an integral driver housed in a sealed, waterproof compartment to prevent water ingress. Each unit arrives fully wired with a power cord routed to the base, enabling quick and straightforward installation.

Custom heights are available to meet project-specific requirements—please contact the factory for more information.

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 Ligman's 10-Year warranty.

For this natatorium rated process please specify **NAT** in options.

The LBX series is also offered in 6" and 7" square configurations.

For the 6" model, see **ULB-10842**.

For the 7" model, see **ULB-10861**.

Note: LBX black and dark grey finishes are not recommended due to reduced light output.



ULB-10851

LBX 5 Small Bollard



PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || ULB - 10851 - 14w - W30 - 02 - 120/277v - Options

ULB-10851				
	LAMP	LED COLOR	FINISH COLOR	VOLTAGE
14w COB 453 Lumens	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
		Note: Black or Dark Finished are not recommended due to reduced light output.		

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NAT - Natatorium Rated
HGT - Custom Bollard Height
FNF - Front Face Nature Finish

More Custom Finishes Available Upon Request

Consult factory for pricing and lead times

MicroPRIM FINISHES		MicroPRIM FINISHES	
	SW01 - OAK FINISH		MP - MAPLE FINISH
	SW02 - WALNUT FINISH		MHG - MAHOGANY FINISH
	SW03- PINE FINISH		BH - BEECH FINISH
	DF - DOUGLAS FIR FINISH		CN - CHESTNUT FINISH
	CW - CHERRY WOOD FINISH		WMBL - WHITE MARBLE FINISH
	NW - NATIONAL WALNUT FINISH		MBL - MARBLE FINISH
	SU01 - CONCRETE FINISH		GRNT - GRANITE FINISH
	SU02 - SOFTSCAPE FINISH		BGD - BRUSHED GOLD FINISH
	SU03 - STONE FINISH		BBRZ - BRUSHED BRONZE FINISH
	SU04 - CORTEN FINISH		CAMO - CAMOUFLAGE FINISH
	CSM - Custom Image/Pattern		

	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)

MicroPRIM Finish



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.



LBX Product Family



LBX 1

· ULB-40435-2w-39lm



LBX 5

· ULB-10851-14w-453lm [4"x4", 17.7"]



LBX 6

· ULB-10842-21w-900lm [6.3"x6.3", 31.4"]



LBX 7

· ULB-10861-27w-1553lm [7.3"x7.3", 31.4"]