14w COB 615 Lumens
IP65 • Suitable For Wet Locations
IK08 • Impact Resistant (Vandal Resistant)
Weight 9 lbs

6.3"

15.7"

4.7"

7.8"

3.1"

1.4"

6"

Ø.66"

Ø2.1"

2.4"

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
B2 - U0 - 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 resistant)
• 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)
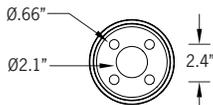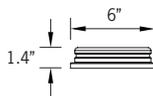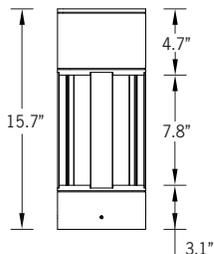
Modern urban lighting furniture.
Fashionable contemporary structures creating glare-free soft illumination patterns

A stylish Dark Sky Compliant round high performance bollard with downward light distribution using LED lamps. This light column offers optimal visual comfort through glare control by utilizing a controlled optics designed by Ligman. These columns have a round design providing a unique wide light distribution, offering an architecturally appealing clover leaf pattern on the paving. The internal sides of the supporting pillars are accented by light from the LED.

Color temperature 2700K, 3000K, 3500K and 4000K. The minimalistic shape provides distinctive lighting effects by night and decorative urban effect during the day. Suitable for pedestrian areas, precincts, building surrounds, shopping centers, squares and parks. The Benton 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 to ensure quick trouble-free installation.

Custom bollard heights are available to suit customer design requirements, please specify. This luminaire is supplied complete with anchor bolts and top quality die-cast aluminum anchor bolt cover.

Reduced custom wattages and dimming can be provided to suit Title 24 and customer requirements. (Specify total watt requirement per fixture)

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected.

Designed to complement the Benton Light Column.
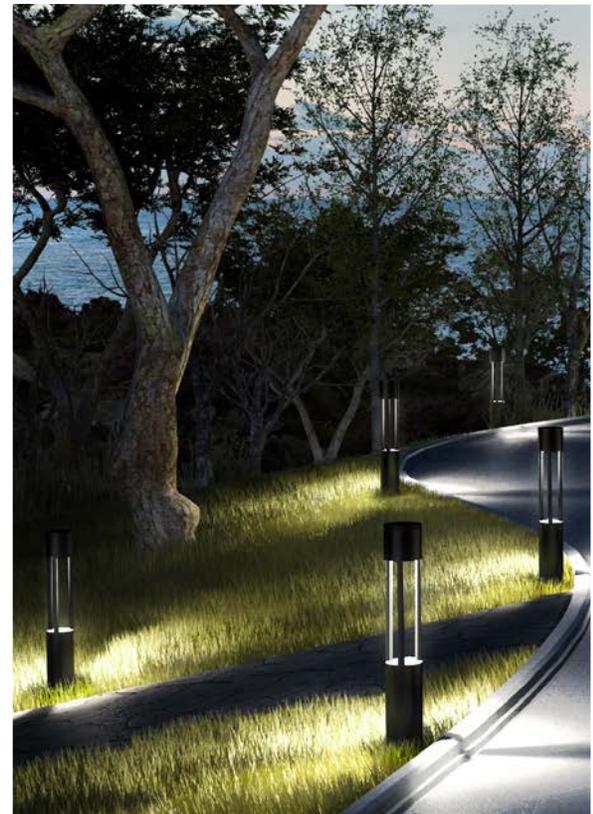
UBE-70001

Benton 5 Pillar Light

LIGMAN LIGHTING USA

PROJECT		DATE	

QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UBE - 70001 - 14w - W30 - 02 - 120/277v - Options

UBE-70001				

LAMP	LED COLOR	FINISH COLOR	VOLTAGE
14w COB	W27 - 2700K	01 - BLACK RAL 9011	120/277v
615 Lumens	W30 - 3000K	02 - DARK GREY RAL 7043	Other - Specify
	W35 - 3500K	03 - WHITE RAL 9003	
	W40 - 4000K	04 - METALLIC SILVER RAL 9006	
		05 - MATTE SILVER RAL 9006	
		06 - LIGMAN BRONZE	
		07 - CUSTOM RAL	

THERE IS AN ADDITIONAL COST FOR CUSTOM COLORS

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
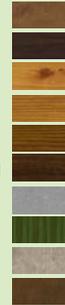
THERE IS AN ADDITIONAL COST FOR INSPIRED BY NATURE FINISHES

ADDITIONAL OPTIONS

NAT - Natatorium Rated	HGT - Custom Bollard Height
DIM - 0-10v Dimming	GFCI - GFCI Box

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 Intertek

Benton Product Family

Benton 1
• UBE-10001-21w-1094lm [Ø6.3"]

Benton 2
• UBE-10011-26w-1642lm [Ø8.8"]

Benton 3
• UBE-20001-40w-2486lm [Ø8.8"-14.7']

Benton 4
• UBE-20011-20w-1102lm [Ø6.3"-11.4']
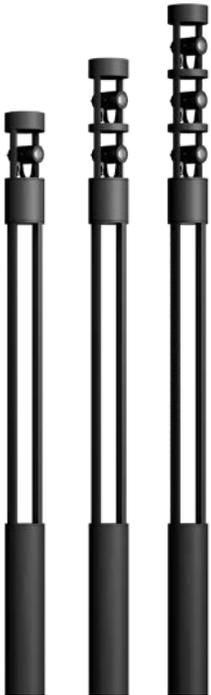
Benton 5
• UBE-20021-40w/21w-4177lm [Ø8.8"]
• UBE-20022-40w/2x21w-5865lm [Ø8.8"]
• UBE-20023-40w/3x21w-7553lm [Ø8.8"]

Benton 5
• UBE-70001-14w-615lm [Ø6.3"]

Benton 6
• UBE-70011-21w-1109lm [Ø8.8"]