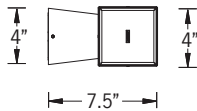
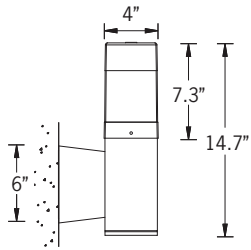


# UBA-31176

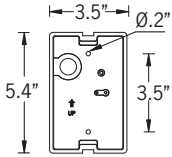
## Bamboo 1 Square Surface



14w COB 463 Lumens  
IP65 • Suitable For Wet Locations  
IK04 • Impact Resistant  
Weight 7.3 lbs



Top View



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 - 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.

#### Opal Borosilicate Glass Lens

Provided with opal borosilicate impact resistant glass.

#### 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)

**Pillar design soft illumination wall fixture. Commercial level quality and performance within a domestic aesthetic.**

A decorative range of cylindrical and square shape wall lanterns with symmetrical light distribution. Developed to complement the Bamboo bollard. Designed for lighting of entrances and residential areas. These luminaires produce pleasant soft light with a high level of visual comfort.

The Bamboo is provided with options of clear or opal lenses to suit customer requirements and comes standard with a unique waterproof internal driver housing compartment that is situated at the top of the cylinder to stop water and dust from entering the electrical components.

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.



# UBA-31176

Bamboo 1 Square Surface

<b>PROJECT</b>		<b>DATE</b>	
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<b>QUANTITY</b>		<b>TYPE</b>		<b>NOTE</b>	
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ORDERING EXAMPLE || UBA - 31176 - 14w - C - W30 - 02 - 120/277v - Options

<b>UBA-31176</b>					
<b>LAMP</b>	<b>DIFFUSER</b>	<b>LED COLOR</b>	<b>FINISH COLOR</b>	<b>VOLTAGE</b>	

14w COB  
463 Lumens

C - Clear Diffuser  
O - Opal Diffuser



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

**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 THESE FINISHES

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**ADDITIONAL OPTIONS**

NAT - Natatorium Rated  
DIM - 0-10v Dimming  
4MP - 4" Mounting Plate

**More Custom Finishes Available Upon Request**

Consult factory for pricing and lead times



# Bamboo Product Family



Bamboo 1

• UBA-31166-14w-480lm



Bamboo 2

• UBA-31176-14w-463lm



Bamboo 3

• UBA-10613-15w-480lm [26.1"]  
• UBA-10623-15w-480lm [42"]



Bamboo 4

• UBA-10633-15w-463lm [26.1"]  
• UBA-10643-15w-463lm [42"]