

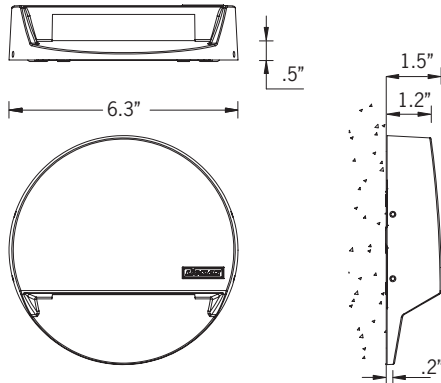
# UAB-30041

## Abacus 7 Small

**LIGMAN**  
LIGHTING USA



7w LED 329 Lumens  
IP65 • Suitable For Wet Locations  
IK09 • Impact Resistant (Vandal Resistant)  
Weight 2 lbs



### 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 - U1 - 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.

#### 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)

### Surface-mounted slim integral-driver wall luminaires. Beautiful and contemporary surface wall fixtures suitable for any location.

A range of shallow ADA compliant square, rectangular and circular wall mounted luminaires providing downward Dark Sky compliant light distributions. Ideally suited to illuminate the wall and surfaces in front of the wall, as well as light accents on vertical surfaces using high efficiency LEDs.

The Abacus is suitable for indoor and outdoor applications and provides a clean, visually appealing solution for small, unobtrusive wall mounted luminaires. This surface mounted luminaire is available in 3 different shapes, as well as bollard combinations.

The surface mounted Abacus is manufactured to cover a 3” junction box and is provided with the necessary fixing plates to simplify installation.

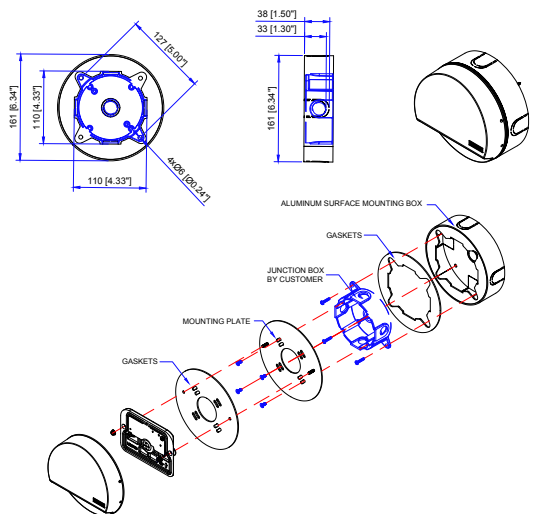
This product is provided with integral driver and special gasketing to ensure no water enters the luminaire.

**A specially designed cover plate** can be provided to cover existing redundant step light installations that are no longer suitable, please contact factory for drawings and 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 the 5 year warranty. For this natatorium rated process please specify NAT in options.

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected and luminaire fix mounted (+/- 15° allowable to permit leveling).

### Additional Options (Consult Factory For Pricing)



### SCBT Surface Conduit Box Trim

NOTE: This trim covers a shallow single gang, surface mount junction box [Provided by contractor]  
Example: Hubbell: - 5361-0 - 1-Gang Weatherproof Box, Five 1/2" in. Threaded Outlets - or - 5372-0 - 1-Gang Weatherproof Box, Five 3/4 in. Threaded Outlets



# UAB-30041

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PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UAB - 30041 - 7w - W30 - 02 - 120/277v - Options

UAB-30041				
	LAMP	LED COLOR	FINISH COLOR	VOLTAGE
7w LED 329 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 Other - Specify	
<div>INSPIRED BY NATURE FINISHES</div> <div>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</div> <div>THERE IS AN ADDITIONAL COST FOR THESE FINISHES</div>				

ADDITIONAL OPTIONS		

NAT - Natatorium Rated  
FNF - Front Face Nature Finish  
SCBT - Surface Conduit Box Trim

## More Custom Finishes Available Upon Request

Consult factory for pricing and lead times



# Abacus Product Family



Abacus 1

• UAB-30001-11w-783lm



Abacus 2

• UAB-30002-11w-783lm



Abacus 3

• UAB-30003-11w-783lm



Abacus 4

- UAB-10001-11w-783lm [19.6"]
- UAB-10021-2x11w-2x783lm [19.6"]
- UAB-10011-11w-783lm [39.3"]
- UAB-10031-2x11w-2x783lm [39.3"]



Abacus 5

- UAB-10041-11w-783lm [19.6"]
- UAB-10061-2x11w-2x783lm [19.6"]
- UAB-10051-11w-783lm [39.3"]
- UAB-10071-2x11w-2x783lm [39.3"]



Abacus 6

• UAB-30031-7w-323lm



Abacus 7

• UAB-30041-7w-323lm