

UTA-31881

Tango 31 Cylindrical Up/Downlight

microVos
TECHNOLOGY

LIGMAN
LIGHTING USA



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

B1 - U5 - 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.

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)

Circular or square form technical up & down-light wall range. Completely tailorable wall-mounted direct/indirect optical lighting solutions for perfect task or architectural lighting.

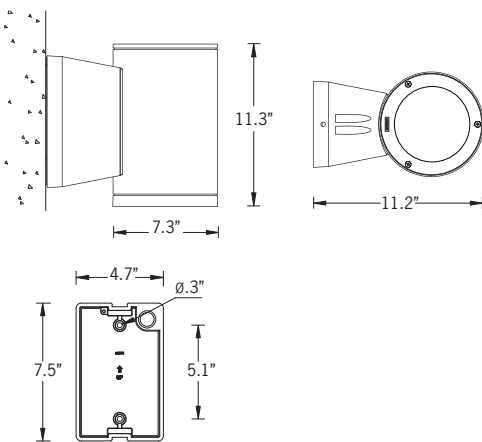
Wall luminaires with a selection of light distributions and LED wattages with downward light distributions. The Tango is unique as it is available with Type II, III & IV light distribution options that facilitates wider spacing and even light distribution between the light fixtures.

Spacings of up to 40' on center, and a 14' mounting height with a 2 fc average can be achieved using the type II optic. This provides higher energy saving and reduced installation costs.

The Tango 31 cylindrical or Tango 32 square up-down versions can be manufactured using different type beam distributions for the up and down optics. Integral electronic control gear. Mounting plate for 3" and 4" junction box is provided with the fixture.

Matching surface mount conduit boxes are available as an option. Custom round pole adapters can be manufactured to suit specific pole diameters for column mounting applications. Please contact the factory for more information.

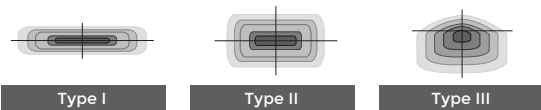
2x37w, 2x28w, 2x20w LED 2x2777, 2x2101, 2x1501 Lumens
IP65 • Suitable For Wet Locations
IK08 • Impact Resistant (Vandal Resistant)
Weight 14.1 lbs



Mounting Detail

microVos
TECHNOLOGY

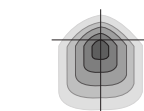
Ligman's micro Variable Optical System provides the ability to interchange, mix & rotate optics to provide specific light distributions for optimized spacing and uniformity.



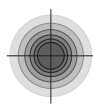
Type I

Type II

Type III

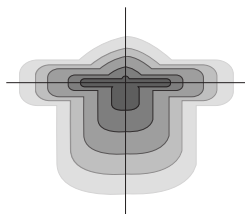


Type IV



Type V

The variable optic system allows for the designer to create hybrid distributions for precise lighting requirements.



HYBRID
TYPE I & TYPE IV

Additional Options (Consult Factory For Pricing)



SCDT
Surface Conduit
Decorative Trim



RPA
Round Pole Adapter



ACL
Anti Glare Louvre



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PROJECT					DATE	
QUANTITY		TYPE		NOTE		

ORDERING EXAMPLE || UTA - 31881 - 2x37w - T2 - T3 - W30 - 02 - 120/277v - Options

UTA-31881						
LAMP	BEAM - UP	BEAM - DOWN	LED COLOR	FINISH COLOR	VOLTAGE	
2x37w LED 2x2777 Lumens	T1 - Type I Distribution T2 - Type II Distribution T3 - Type III Distribution T4 - Type IV Distribution N - Narrow Beam 12° M - Medium Beam 26° W - Wide Beam 40°	T1 - Type I Distribution T2 - Type II Distribution T3 - Type III Distribution T4 - Type IV Distribution N - Narrow Beam 12° M - Medium Beam 26° W - Wide Beam 40°	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	

ADDITIONAL OPTIONS			

- NAT - Natatorium Rated

SCDT - Surface Conduit Decorative Trim

DIM - 0-10v Dimming

F - Frosted Lens

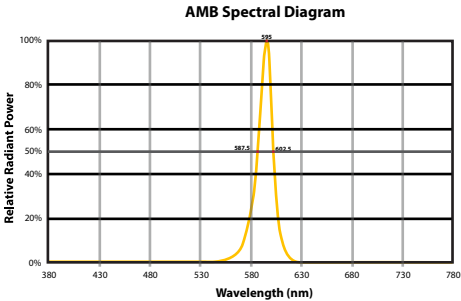
AGL - Anti Glare Louvre
- EMG - Emergency Battery Pack

RPA - Round Pole Adapter

HGT - Custom Height

AMB - Turtle Friendly Amber LED

CITY OF FLAGSTAFF & TURTLE FRIENDLY COMPLIANT



Narrow-Spectrum Amber LEDs
Peak wavelength between 585 & 595 nanometers and a full width of 50% power no greater than 15 nanometers.



Tango Product Family



Tango 29

- UTA-31861-37w-2777lm - Down
- UTA-31861-29w-2566lm [ASYM] - Down
- UTA-31863-42w-3418lm [ASYM] - Down



Tango 30

- UTA-31871-37w-2777lm - Down
- UTA-31871-29w-2566lm [ASYM] - Down
- UTA-31873-42w-3418lm [ASYM] - Down



Tango 31

- UTA-31881-2x37w-2x2777lm - Up/Down
- UTA-31882-2x29w-2x3521lm [ASYM] - Up/Down
- UTA-31883-2x42w-2x3418lm [ASYM] - Up/Down



Tango 32

- UTA-31891-2x37w-2x3521lm - Up/Down
- UTA-31892-2x39w-2x2566lm [ASYM] - Up/Down
- UTA-31893-2x29w-2x2777lm [ASYM] - Up/Down



Tango 33

- UTA-80551-37w-2777lm
- UTA-80552-29w-2566lm [ASYM]
- UTA-80553-42w-3418lm [ASYM]



Tango 34

- UTA-80561-37w-2777lm
- UTA-80562-29w-2566lm [ASYM]
- UTA-80563-42w-3418lm [ASYM]



Tango 35

- UTA-20731-37w-2777lm
- UTA-20732-2x37w-2x2777lm



Tango 36

- UTA-20001-38w-4265lm
- UTA-20011-37w-2777lm



Tango 37

- UTA-20021-2x38w-2x4265lm
- UTA-20022-2x37w-2x2777lm