37w LED 4601 Lumens
IP65 • Suitable For Wet Locations
IK08 • Impact Resistant (Vandal Resistant)
Weight 17 lbs

DARKSKY APPROVED - Reduces light Pollution - Certified by DarkSky.org

TURTLE FRIENDLY

6"
16.7"
19.8"
3.5"
13"
Ø .4"
4"
16.7" 15.1"
4.3"
6"

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

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 - U0 - 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.

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)

Area distribution wall-mounted projectors. Stylish but technically precise area lighting solutions as part of a large flexible family.

Light Linear PT wall light is an elegant wall mount fixture suitable for both modern and classic architecture. Ideal for creating visual guidance, with exceptional visual comfort.
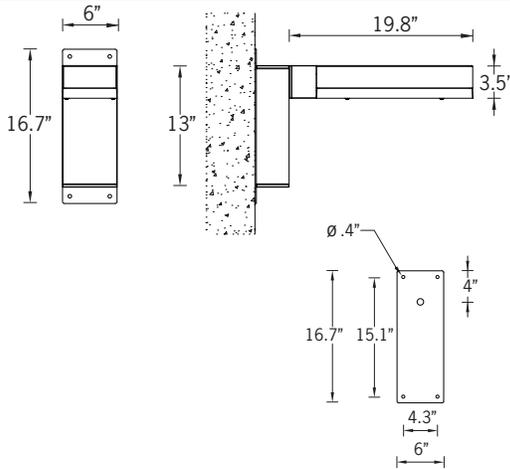
The dual sealed optical chamber with integrated heat sinks houses a range of field interchangeable optically controlled LED's, providing Type II, III, IV & V distribution, as well as variations of this for precise light distribution requirements. An example of this, is using a combination of Type II and Type IV distribution optics inside the same fixture.

This fixture is unique as it has a IP68 driver housing container that is housed within the IP65 rated light fixture.

This product range is complemented with high performance optics in the bollard and streetlight luminaires, to provide a consistent range of design aesthetics for any project.

To meet International Dark Sky criteria, 3000k or warmer LEDs must be selected and luminaire fix mounted (+/- 15˚ allowable to permit leveling).
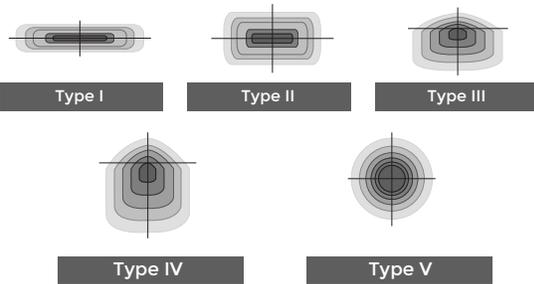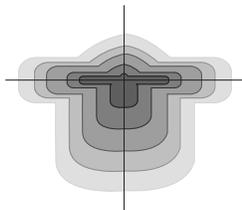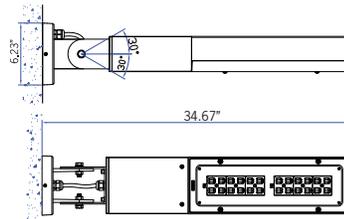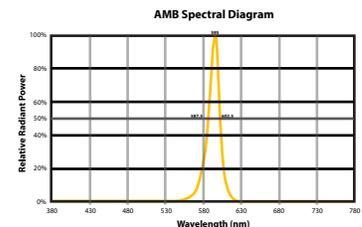
Additional Options (Consult Factory For Pricing)

6.23"
30°
30°
34.67"

SAM
Small Adjustable Arm

CITY OF FLAGSTAFF & TURTLE FRIENDLY COMPLIANT

AMB Spectral Diagram

100% 80% 60% 50% 40% 20% 0%
Relative Radiant Power
380 430 480 530 580 630 680 730 780
Wavelength (nm)

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

ULI-30011
Light Linear PT 12 Surface

microVos TECHNOLOGY

LiGMAN LIGHTING USA

PROJECT		DATE	
QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || ULI - 30011 - 37w - T2 - W30 - 02 - 120/277v - Options

---

ULI-30011

LAMP	BEAM	LED COLOR	FINISH COLOR	VOLTAGE
37w LED	T1 - Type I Distribution	W27 - 2700K	01 - BLACK RAL 9011	120/277v
4601 Lumens	T2 - Type II Distribution	W30 - 3000K	02 - DARK GREY RAL 7043	Other - Specify
	T3 - Type III Distribution	W35 - 3500K	03 - WHITE RAL 9003	
	T4 - Type IV Distribution	W40 - 4000K	04 - METALLIC SILVER RAL 9006	
			05 - MATTE SILVER RAL 9006	
			06 - LIGMAN BRONZE	
			07 - CUSTOM RAL	

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

ADDITIONAL OPTIONS

NAT - Natatorium Rated
F - Frosted Lens
AMB - Turtle Friendly Amber LED

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

Light Linear PT Product Family

Light Linear PT 1
- ULI-10021-28w-3169lm
- ULI-10022-54w-6240lm

Light Linear PT 2
- ULI-10031-2x28w-2x3169lm
- ULI-10032-2x54w-2x6240lm

Light Linear PT 3
- ULI-21171-54w-6193lm
- ULI-21173-82w-8448lm

Light Linear PT 4
- ULI-21172-105w-12518lm
- ULI-21291-155w-16891lm

Light Linear PT 5
- ULI-21181-2x54w-2x6193lm
- ULI-21183-2x82w-2x8448lm

Light Linear PT 6
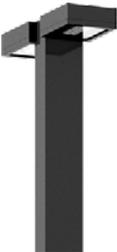- ULI-21182-2x105w-2x12518lm
- ULI-21321-2x155w-2x16891lm

Light Linear PT 7
- ULI-21231-28w-3169lm

Light Linear PT 8
- ULI-21241-54w-6193lm

Light Linear PT 9
- ULI-21181-2x54w-2x6193lm
- ULI-21183-2x82w-2x8448lm

Light Linear PT 10
- ULI-21182-2x105w-2x12518lm
- ULI-21321-2x155w-2x16891lm

Light Linear PT 11
- ULI-30021-28w-3169lm
- ULI-30022-37w-4636lm

Light Linear PT 12
- ULI-30011-37w-4601lm
- ULI-30012-54w-6193lm