



SIMPLY UNIVERSAL



GTL-TITAN-HM

High Mast Brochure

Global Tech LED
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Global Tech LED GTL-TITAN-HM High Mast Advantages

- Eliminates costly maintenance
- Meets Lux requirements
- Up to 70% savings in energy costs compared to HID
- Replace up to 2000W HPS
- 9 different optical distribution patterns
- L70 > 100,000 hours
- 7 different Kelvin options
- Philips Lumiled T LED's
- Free photometric analysis
- Addressable
- 10 year warranty

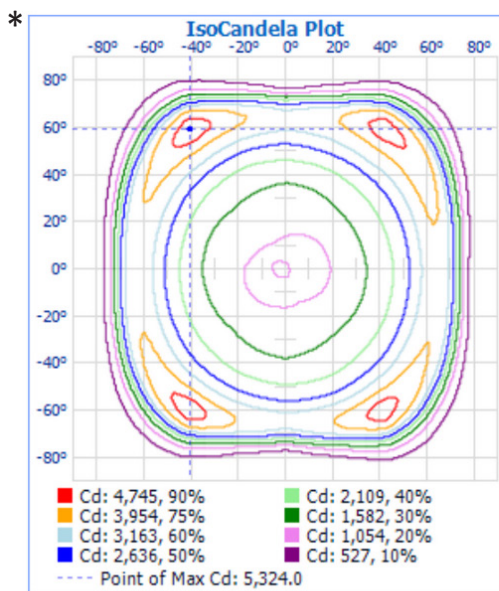
LED High Mast Fixture

Fixture Information

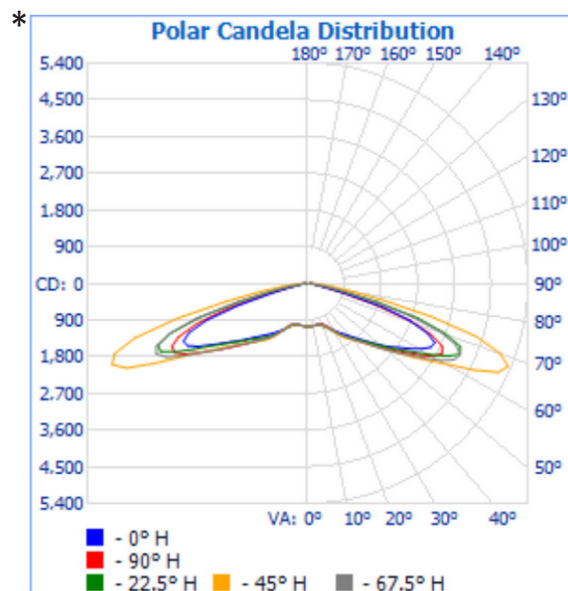
The worlds only actively cooled LED High Mast fixture. Maximum 720W producing 72,000Lm. Coupled with a choice of 9 optical distribution possibilities and 7 kelvin temperatures, any type of lighting distribution can be achieved to meet your specific needs.

New Optic Distribution Development - The 360s

Super wide distribution capability for pole mount distances 500ft or greater apart, to eliminate dark spots and improve safety.



Isocandela Plot



Polar Candela

*5498 on HO using 360s Optics shown



Global Tech LED Modules

Solstice Module Features

Heat Sink Information

Our nautilus styled aluminum heat sink is mated with a MagLev® fan to provide optimal active cooling that wicks the heat away from the printed circuit board. The active cooling solution delivers maximum illumination in a small foot print, and extends the life of the product to well over 100,000 hrs.

Life Sync (Program Information)

Life Sync uses advanced software technology that automatically makes minuscule adjustments to the electrical current, both up and down, based on ambient temperatures in the environment. This real-time maintenance ensures optimal performance and protects the life of the system.

Raising the Power

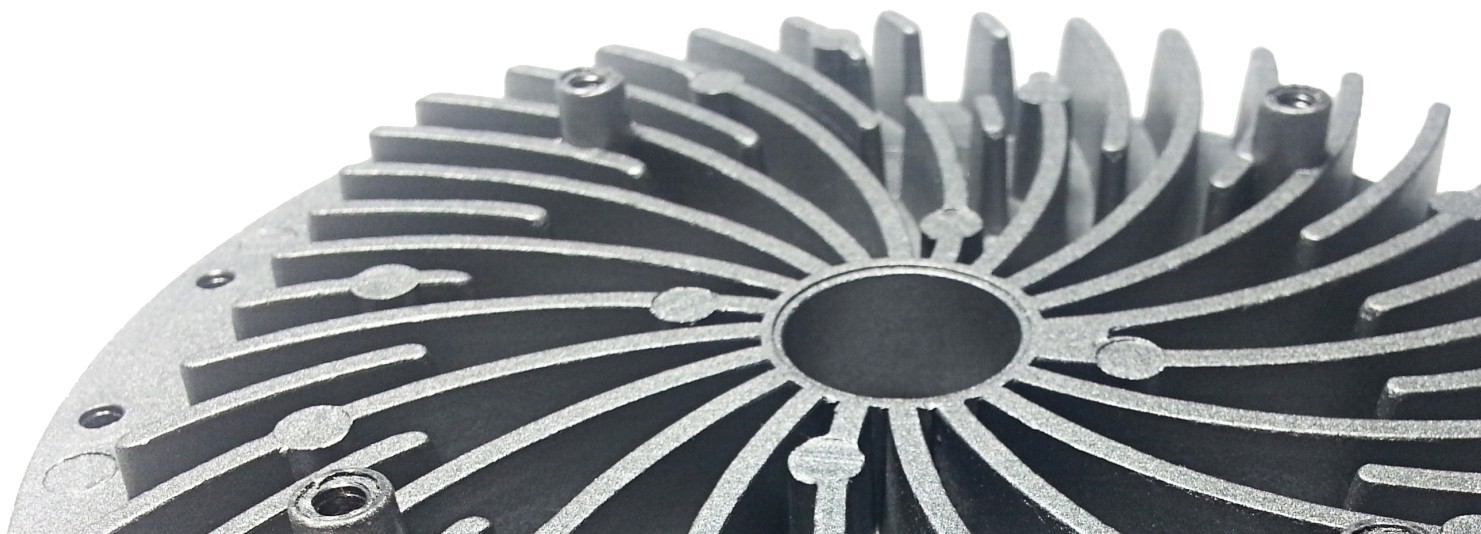
Solstice LED engines are scaled to meet the specific lumen and distribution needs of the customer.

Features



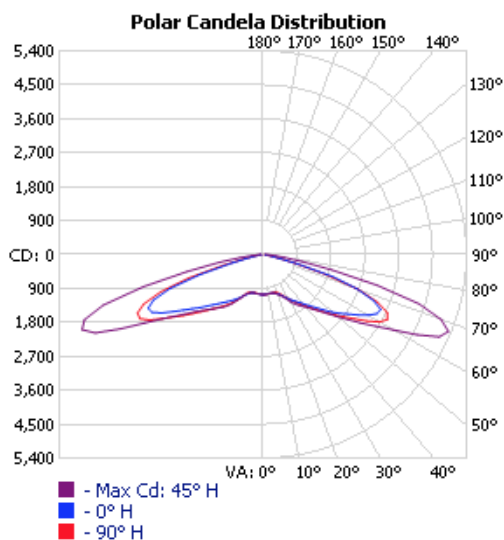
- Wattage Selections (on board)
- Active Thermal management
- Optical Distribution Options
- -45°C to 85°C Operating Temperature
- 10 Year Warranty
- On Board Programming
 - 5-6-1 Energy Saving Program
 - 0-10V Dimming
- Philips LED chips
- Life Sync
 - Module Temp Protection
 - Lumen Depreciation Maintenance

Patented active cooling heat sinks offer the best level of heat dissipation possible.



GTL-AR-TITANHM

[200W-720W High Mast Luminaire]



Description and Application:

Perfect for 80-ft and 100-ft high-mast applications on Roadways, Airports, Rail Yards and Container Terminals, comparable to legacy 1000W -2000W HID technology.

Specification Features:

- High Power LED Modules Scaled up to 720W
- Custom Optics to meet any distribution requirement
- Titan LED Module specifications available on website

Driver:

120-277VAC driver input.

Also available in 347-480 VAC driver input.

Additional Information:

Operating Temperature Range:
up to +85 degrees Celsius

Photometrics:
.ies files available

Optics offered for different distributions.
(Dist. = 120° w/o secondary optics)

Surge Protector:
- Required for ALL 347V-480V applications in order to qualify for Warranty
- Recommended for all outdoor applications

L70 > 150,000Hrs.

Life Sync adjusts module to operate at max performance in any given environment

Warranty: Driver = 5 years
Solstice Light Engine = 10 years
Fixture = 10 years

Accessories

Catalog #	Description
IP67	IP67 Rated LED Engine



