



TITAN 112 Module

Solstice 112 Retrofit System

Simply Universal

Description / About

The Solstice modules are designed to retrofit into almost any HID fluorescent, etc. fixture. We can articulate our modules and offer a wide array of innovative optics to deliver the light precisely where it's needed. Four way switch-able power options on board. This module also comes with an Energy Saver program that is accessed via a switch on the board.

Features

- Made in the USA
- 100,000+ Hr expected life
- Lumen Depreciation Maintenance: 120,000+ Hrs
- Soft start - ramps up to 100% output in 5 seconds
- 0-10V dimming/control compatible
- Life Sync thermal protection system

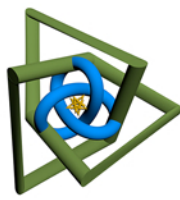
Performance

- Available in 200W, 260W, 300W, and 360W
- 7 available standard color temperatures and 4 specialty color outputs
- 9 optical light distribution options - Type II, Type III, Type V
- Minimum CRI: 70
- Smart thermal protection system adjusts current based on self monitoring of temperature (Life Sync)

Rated Lumens Per Setting

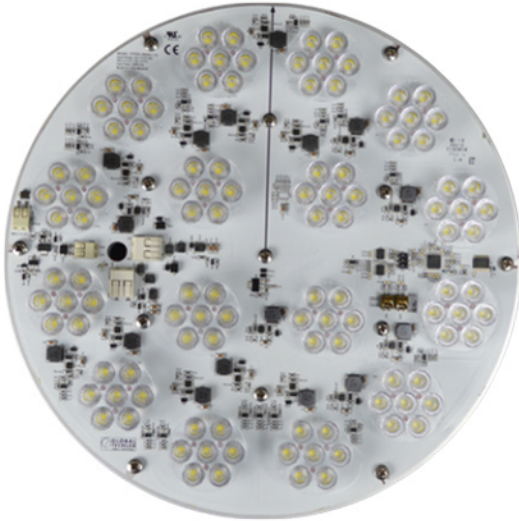
- ML – 19,570 Lm
- MH – 24,290 Lm
- HI – 28,610 Lm
- HO – 33,730 Lm





LEDOLAS

Lighting | Energy | Decontamination

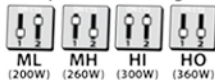


**GTSOL112
LED Module**

Function Dip Switch Settings



GTSOL112 Dip Switch Settings



Description:

As an LED system, the Titan GTSOL112 module enables significant reductions in energy consumption. By retrofitting our modules into existing fixtures, we help eliminate the high investment cost into LED technology. With built in life sync smart technology, a wide array of innovative optics to deliver the light precisely where it's needed, and a 10 year warranty, the conversion to LED technology is now the smartest investment you can make.

Key Features:

- Over temperature protection
- Instant on
- 0 - 10V Dimming compatible
- Lumen output range: 24,290lm - 33,730lm (ML - HO)
- Microprocessor featuring life sync smart technology

Wattage and Energy Selections by Dip Switch:

GTSOL112 – 200W, 260W, 300W, 360W per Solstice unit.
On board programs selected by Dip Switch:

STD: Standard Operation

SAVE: 5-6-1 Energy saving program

Dimm Sink - Select when using a driver as 10V source for dimmer switch

Dimm Source - Select when GTSOL112 is used as 10V source for dimmer switch

Mounting Options:

GTSOL112 LED Module can be mounted with the following:

- Custom Plate
- Universal Plate
- Threaded rod
- Yoke
- Universal Bracket

Additional Information:

Operating Temperature Range:
up to +85 degrees Celsius

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

L70 > 150,000Hrs.

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

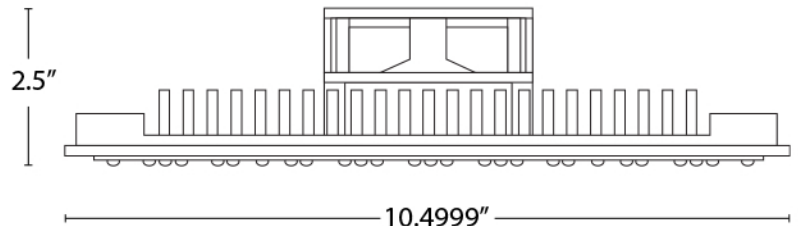
Photometrics:
.ies files available

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

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

Accessories

Catalog #	Description
IP67	IP67 Rated LED Engine
GT-LSP-120	Surge Protector. 120 V 10 kA Parallel. 20kA maximum discharge current.
GT-LSP-240	Surge Protector. 240 V 10 kA Parallel. 20kA maximum discharge current.
GT-LSP-277	Surge Protector. 277 V 10 kA Parallel. 20kA maximum discharge current.
GT-LSP-347	Surge Protector. 347 V 10 kA Parallel. 20kA maximum discharge current.
GT-LSP-480	Surge Protector. 480 V 10 kA Parallel. 20kA maximum discharge current.



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Fully Compliant with ARRA Buy American Requirements. Made in the USA.