

# The Solstice 5498

## 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.

### Performance

- Available in 75W, 85W, 95W, and 135W
- Efficacy: 97 Lm/w
- 455 Lm/in<sup>2</sup>
- 7 available standard color temperature and 4 specialty color outputs
- 5-6-1 energy saver option (built in)
- 9 optical light distribution options – Type II, Type III, Type V
- Operating Temperature: -40°C – +85°C
- Minimum CRI: 70
- Maximum Lumen Output: 13,164 Lm
- IP67 Rated (Optional)
- Smart thermal protection system adjusts current based on self monitoring of temp (Life Sync)

### Rated Lumens Per Setting

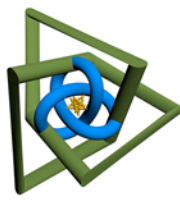
- ML – 7,814 Lm
- MH – 8,999 Lm
- HI – 9,447 Lm
- HO – 13,164 Lm



Scalable to meet the right application

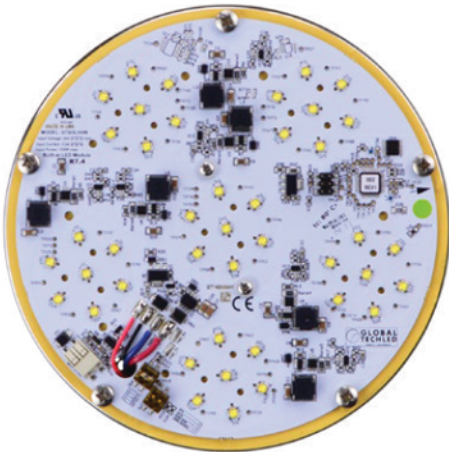


Box Fixture Retrofit



# LEDOLAS

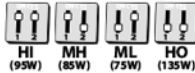
Lighting | Energy | Decontamination



**Solstice  
LED Module**

## GTSOL5498

Dip Switch Settings



## Function

Dip Switch Settings



## LED Module Compatibility

Product	Output Setting	LED Chip Drive Current [mA]	Rated Lu-mens [lm]	Rated Watts [W]
GTSOL5498 x 1	ML	350	7814	75
GTSOL5498 x 1	MH	525	8999	85
GTSOL5498 x 1	HI	700	9447	95
GTSOL5498 x 1	HO	900	13164	135
GTSOL5498 x 2	ML	350	15628	150
GTSOL5498 x 2	MH	525	17998	170
GTSOL5498 x 2	HI	700	18894	190
GTSOL5498 x 2	HO	900	26328	270
GTSOL5498 x 3	ML	350	23442	225
GTSOL5498 x 3	MH	525	26997	255
GTSOL5498 x 3	HI	700	28341	285
GTSOL5498 x 3	HO	900	39492	405
GTSOL5498 x 4	ML	350	31256	300
GTSOL5498 x 4	MH	525	35996	340
GTSOL5498 x 4	HI	700	37788	380
GTSOL5498 x 4	HO	900	52656	540

## Description:

Global Tech LED's Solstice units are designed to retrofit into almost any HID fixture. We can articulate our units 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 unit also comes with an Energy Saver program that is accessed via a switch on the board.

## Key Features:

- Multiple temperature control values. Over temperature protection, shut down at critical temperature and resume operation temperature.
- Soft start
- 0 - 10V Dimming compatible
- Under voltage lockout for power off or brownout.
- 0 - 10V Input port.

## Wattage and Energy Selections by Dip Switch:

GTSOL5498 – 75W, 85W, 95W, 135W 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 GTSOL5498 is used as 10V source for dimmer switch

## Mounting Options:

GTSOL5498 LED Module can be mounted with the following:

- Screw-on yoke
- Bolt-on yoke
- Plate
- Threaded rod
- Post-top finial threaded rod
- Post-top glass refractor.

## 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)

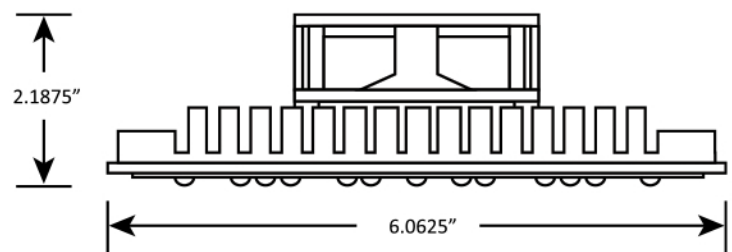
Surge Protector:  
- Required for ALL 347V-480V applications  
in order to qualify for Warranty  
- Recommended for all outdoor  
applications

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

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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