

# Threaded Rod Retrofit Kit

GTSOL2x5498-G2-UVHB

## 25W - 480W

Commonly Replaces  
50W-1000+W HPS/MH/HID

### Description:

The threaded rod retrofit kit is designed for easy install on all high bay and high mast fixtures. Highly customizable options, allow the Engines to be angled outward to provide uplight. Optics can fine tune light distribution to suit very specific applications. Smart features and energy saving features come standard on all solstice Engines.



**IES Files**  
Available at  
[globaltechled.com](http://globaltechled.com)

### Additional Information:

- Solstice LED Engine's Life Sync Programs: Lumen Depreciation Maintenance, Temperature Control, Under Voltage Lockout, and Optional 5-6-1 Energy Savings Program
- Patented Active Cooling and Vortex Heat Sink
- Soft Start
- Plug and Play wireless control transceiver, IoT compatible (optional)
- LED Chips operating up to 1100mA
- Smart Driver: SV and HV, IP66 Rated, IEC, UL class 2 power, Class A sound rating, minimum efficiency of 86%, and operates between -40°C and 50°C, 120-480V, 50Hz

### Limited Warranty:

- 10 Year Engine Warranty
- 5 Year Driver Warranty

### Applications:

- Area
- Sports
- High Bay
- Post Top

  
**Made in USA**  
Buy American Act compliant

  
**L70 > 150,000**  
Third Party Tested

  
**Rated IP67**  
Optional

  
**Dimming Capable**  
Optional

  
**RoHS compliant**  
Materials

M21			5498			112		
W	Lms	Lm/W	W	Lms	Lm/W	W	Lms	Lm/W
55	6000	110	120	13000	110	340	39000	120
45	5000	115	95	11000	115	300	35000	120
35	4000	120	85	10000	120	240	31000	130
25	3000	120	75	9000	120	200	26000	130
						125	15000	125

Specifications			
<b>Voltage Options:</b>	SV (120V-277V) HV (277V-480V)	<b>CCT:</b>	BR 5000K, YW 4100K, BL 4000K, RD 3500K, PR 3000K, OR 2700K, GRO 460nm & 640nm, AMB 597nm, AQU 467nm 57000K, RYB 467nm
<b>Operating Temp:</b>	-40° to 50° Celsius	<b>Power Factor:</b>	>.90
<b>THD:</b>	<20%	<b>Surge Protection:</b>	Required for ALL 347V-480V applications in order to qualify for warranty. Recommended for outdoor applications.
<b>CRI:</b>	80 (standard)	<b>Optics:</b>	NL (no lens), 10D, 25D, 50D, 75D, 360s, T2, T3

### Dimensions


**Depending on the extension and number of engines**

# Ordering Information: M21 Threaded Rods

## GTR - AR - M21 - G2 - HI - SV - BL - NL - TROD - EXT2IN / GT-LSP-120

Retrofit	Category	Engine	Wattage	Voltage		CCT	Lens	Mounting Method		Accs
GTR	AR = Area/Roadway	M21 - G2	HI (55W)	SV (120V-277V)		BR <sup>1</sup> (5000K) [80CRI]	NL = No Lens	TROD - EXT2IN		IP67 = 1xM21 - G2*
	HB = High Bay			HV (277V-480V)		YW (4100K) [70CRI]	10D = 10D Lens	TROD - EXT4IN		GT-LSP-120
	WP = Wall Pack	M21 - G2	MH (45W)	SV (120V-277V)		BL <sup>1</sup> (4000K) [80CRI]	25D = 25D Lens	TROD - EXT6IN		GT-LSP-240
	PG = Parking Garage			HV (277V-480V)		RD (3500K) [80CRI]	50D = 50D Lens	TROD - EXT8IN		GT-LSP-277
	FC = Fuel Canopy	M21 - G2	ML (35W)	SV (120V-277V)		PR (3000K) [95CRI]	75D = 75D Lens	TROD - EXT10IN		GT-LSP-347
	PT = Post Top			HV (277V-480V)		OR (2700K) [80CRI]	360s = 360 Square Lens	TROD - EXT12IN		GT-LSP-480
	HZ = Hazardous	M21 - G2	LO (25W)	SV (120V-277V)		GRO (Grow)†	T2 = Type II Lens	TROD - EXT14IN		
	BD = Bollard			HV (277V-480V)		AMB (Amber)†	T3 = Type III Lens	TROD - EXT16IN		
						AQU (Aquarium)†				
						RYB (Royal Blue)†				

Surge Protectors	
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.


Accessories
 <p>IP67</p>

### Notes:

<sup>1</sup> Lead times for CCT options other than BR and BL may be increased  
 \* IP67 upgrade for Engine + fan (only NL, 10D, 25D, 50D & 75D)

# Ordering Information: 5498 Threaded Rods

GTR - AR - 5498 - G2 - HO - SV - BL - NL - TROD-EXT2IN / IP67




Retrofit	Category	Engine	Wattage	Voltage		CCT	Lens	Mounting Method		Accs	
GTR	AR = Area/Roadway	4x5498 - G2	HO (480W)	SV (120V-277V)		BR <sup>1</sup> (5000K) [80CRI]	NL = No Lens	TROD - EXT2IN		IP67 = 4x5498 - G2*	
	HB = High Bay			HV (277V-480V)		YW (4100K) [70CRI]	10D = 10D Lens	TROD - EXT4IN		IP67 = 3x5498 - G2*	
	WP = Wall Pack	4x5498 - G2	HI (380W)	SV (120V-277V)		BL <sup>1</sup> (4000K) [80CRI]	25D = 25D Lens	TROD - EXT6IN		IP67 = 2x5498 - G2*	
	PG = Parking Garage			HV (277V-480V)		RD (3500K) [80CRI]	50D = 50D Lens	TROD - EXT8IN		IP67 = 5498 - G2*	
	FC = Fuel Canopy	4x5498 - G2	MH (340W)	SV (120V-277V)		PR (3000K) [95CRI]	75D = 75D Lens	TROD - EXT10IN		GT-LSP-120	
	PT = Post Top			HV (277V-480V)		OR (2700K) [80CRI]	360s = 360 Square Lens	TROD - EXT12IN		GT-LSP-240	
	HZ = Hazardous	3x5498 - G2	HO (360W)	SV (120V-277V)		GRO (Grow) <sup>†</sup>	T2 = Type II Lens	TROD - EXT14IN		GT-LSP-277	
	BD = Bollard			HV (277V-480V)		AMB (Amber) <sup>†</sup>	T3 = Type III Lens	TROD - EXT16IN		GT-LSP-347	
		4x5498 - G2	ML (300W)	SV (120V-277V)		AQU (Aquarium) <sup>†</sup>				GT-LSP-480	
				HV (277V-480V)		RYB (Royal Blue) <sup>†</sup>					
		3x5498 - G2	HI (285W)	SV (120V-277V)							
				HV (277V-480V)							
		3x5498 - G2	MH (255W)	SV (120V-277V)							
				HV (277V-480V)							
		3x5498 - G2	ML (225W)	SV (120V-277V)							
				HV (277V-480V)							
		2x5498 - G2	HO (240W)	SV (120V-277V)							
				HV (277V-480V)							
		2x5498 - G2	HI (190W)	SV (120V-277V)							
				HV (277V-480V)							
		2x5498 - G2	MH (170W)	SV (120V-277V)							
				HV (277V-480V)							
		2x5498 - G2	ML (150W)	SV (120V-277V)							
				HV (277V-480V)							
		5498 - G2	HO (120W)	SV (120V-277V)							
				HV (277V-480V)							
		5498 - G2	HI (95W)	SV (120V-277V)							
				HV (277V-480V)							
		5498 - G2	MH (85W)	SV (120V-277V)							
				HV (277V-480V)							
		5498 - G2	ML (75W)	SV (120V-277V)							
				HV (277V-480V)							

<sup>1</sup> Lead times for CCT options other than BR and BL may be increased  
 \* IP67 upgrade for Engine + fan (only NL, 10D, 25D, 50D & 75D)



# Ordering Information: 112 Threaded Rods

## GTR - AR - 112 - G2 - HO - SV - BL - NL - TROD-EXT3IN / IP67



Retrofit	Category	Engine	Wattage	Voltage		CCT	Lens	Mounting Method		Accs	
GTR	AR = Area/Roadway	112 - G2	HO (340W)	SV (120V-277V)		BR <sup>1</sup> (5000K) [80CRI]	NL = No Lens	TROD - EXT2IN		IP67 = 1x112 - G2*	
	HB = High Bay			HV (277V-480V)		YW (4100K) [70CRI]	10D = 10D Lens	TROD - EXT4IN		GT-LSP-120	
	WP = Wall Pack	112 - G2	HI (300W)	SV (120V-277V)		BL <sup>1</sup> (4000K) [80CRI]	25D = 25D Lens	TROD - EXT6IN		GT-LSP-240	
	PG = Parking Garage			HV (277V-480V)		RD (3500K) [80CRI]	50D = 50D Lens	TROD - EXT8IN		GT-LSP-277	
	FC = Fuel Canopy	112 - G2	MH (240W)	SV (120V-277V)		PR (3000K) [95CRI]	75D = 75D Lens	TROD - EXT10IN		GT-LSP-347	
	PT = Post Top			HV (277V-480V)		OR (2700K) [80CRI]	360s = 360 Square Lens	TROD - EXT12IN		GT-LSP-480	
	HZ = Hazardous	112 - G2	ML (200W)	SV (120V-277V)		GRO (Grow) <sup>†</sup>	T2 = Type II Lens	TROD - EXT14IN			
	BD = Bollard			HV (277V-480V)		AMB (Amber) <sup>†</sup>	T3 = Type III Lens	TROD - EXT16IN			
		112 - G2	LO (125W)	SV (120V-277V)		AQU (Aquarium) <sup>†</sup>					
				HV (277V-480V)		RYB (Royal Blue) <sup>†</sup>					

### Notes:

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 \* IP67 upgrade for Engine + fan (only NL, 10D, 25D, 50D & 75D)