

# M21-G2 Yoke Retrofit Kit

GTSOLM21-G2-SOLY  
**25W - 55W**

Commonly Replaces  
 50W-175W HPS/MH/HID

### Description:

Global Tech LED's most popular and successful retrofit is the Yoke retrofit kit. Yoke retrofits are created from sturdy aluminum, and finished with a brushed silver appearance. They can be mounted horizontally or vertically. Additionally, the yoke allows the engine to slide up and down, as well as tilt up to 180° for more flexible installation angles. This enables nearly any fixture to be retrofitted, with precision. In combination with optics, light can be angled and adjusted for exact light distribution.

 **Made in USA**  
 Buy American Act compliant

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

 **Rated IP67**  
 Optional

 **Dimming Capable**  
 Optional

 **RoHS compliant**  
 Materials



**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:

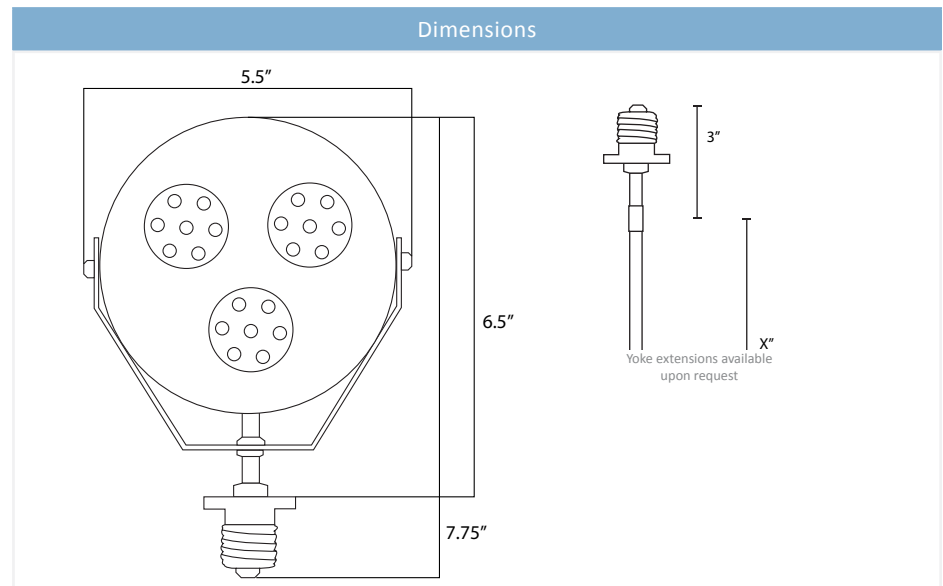
- 10 Year Engine Warranty
- 5 Year Driver Warranty

### Applications:

- Area
- Street
- Garage
- Parking
- Recessed can
- High Bay

Output	Wattage	Lumens	Efficacy (L/W)
HI	55	6000	110
MH	45	5000	115
ML	35	4000	120
LO	25	3000	120

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		









## Ordering Information:

GTR - AR - M21 - G2 - HI - SV - GR - NL - SOLY - MED / IP67

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	SOLY - MGL		IP67 = 1xM21 - G2*	
	HB = High Bay			HV (277V-480V)		YW (4100K) [70CRI]	10D = 10D Lens	SOLY - MED		GTP-SOLY-DR-BR	
	WP = Wall Pack	M21 - G2	MH (45W)	SV (120V-277V)		BL <sup>1</sup> (4000K) [80CRI]	25D = 25D Lens	SOLY - BUB		GT-LSP-120	
	PT = Post Top			HV (277V-480V)		RD (3500K) [80CRI]	50D = 50D Lens			GT-LSP-240	
	PG = Parking Garage	M21 - G2	ML (35W)	SV (120V-277V)		PR (3000K) [95CRI]	75D = 75D Lens			GT-LSP-277	
				HV (277V-480V)		OR (2700K) [80CRI]	360s = 360 Square Lens			GT-LSP-347	
		M21 - G2	LO (25W)	SV (120V-277V)		GRO (Grow) <sup>†</sup>	T2 = Type II Lens			GT-LSP-480	
				HV (277V-480V)		AMB (Amber) <sup>†</sup>	T3 = Type III Lens			EXT2IN	
						AQU (Aquarium) <sup>†</sup>				EXT4IN	
						RYB (Royal Blue) <sup>†</sup>				EXT6IN	
										EXT8IN	
										EXT10IN	
										EXT12IN	
										EXT14IN	
										EXT16IN	

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			
			
IP67	Acc name	Acc name	Acc name
			
Acc name	Acc name		

## 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)