

G9 LED GLOBE RETROFIT

G9-200-40K-T5M

Cost Savings • Easy to Install • High Performance • Environmentally Friendly

DESCRIPTION

MaTech Lighting Systems' LED Globe Retrofit offers customers a high performance retrofit for a wide variety of round globe 'ball in basket' style decorative fixtures. This system will replace up to a 400w High Pressure Sodium light source while producing excellent photometrics and up to 75% energy and labor savings. Plus, this system is available with dedicated uplight to produce a uniform globe at night. This engineered system utilizes best in class name brand components, 36 kV of surge suppression standard, and high temperature silicone optics for long term performance and color stability. Available in 80w, 120w, 150w and 200w LED watt sizes, this system will replace all common HID light sources up to 400w HPS. Specifically designed and tested in most major round globe 'ball in basket' style fixtures this system is rated for 100,000 hours life in the most demanding applications.

KEY BENIFITS



- Ease of Installation-Universal modules with brackets designed for your application
- Appearance-available with uplight to produce uniformly lit globe at night
- Reduces energy by up to 75%
- Reduces maintenance by up to 75%
- Mercury free and lead free
- Easy to install and service
- Ultra long life components and system
- Extreme surge suppression for long life



PRODUCT ATTRIBUTES

- Available in 80w, 120w, 150w, and 200w sizes
- Up to 26,000 lumens output in 3000K, 4000K, or 5000K CCTs
- Available in Type 3 or Type 5 distributions
- Available with uplight for uniform globe illumination
- 100,000 hour rated life at 25C ambient
- Designed to UL 1598 and UL 1449 3rd Edition
- All components IP66 wet location rated
- Multiple control options available
- 5 Year Warranty (extended warranty available)
- High temperature silicone optics for long life and color stability



SPECIFICATIONS

Rated Life

100,000+ Hrs Rated System Life
85% Lumen Maintenance at 100,000 Hrs

Testing

IESNA LM-80
InSitu Thermal
Energy Star TM-21
Surge & Transient Tested
100% Production Test and Inspect

Listing

IP66 Wet Location Rated Components
Designed to UL1449 3rd Edition | UL1598
UL Drivers
Complies with IEEE C62.41
FCC Part 15 Class A

Electrical

36 kV Surge Suppression
95% Power Factor Corrected
<20% Total Harmonic Distortion
-40C to +40C Ambient Operating Temp
Universal 120-277 VAC
Thermal Overload Protected
Electrical Short / Overload Protected

Shipping Information

Ships from Michigan Mfg Plant

ISO 9001 US Facility

Contact: support@matechllc.com

Phone: 616.401.7398

Website: www.matechllc.com

Made in the USA



MATECH
LIGHTING SYSTEMS

20 YEARS OF SOLID STATE EXCELLENCE

900 E. Main Street
Middleville, MI 49333