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12W Globe Bulb



SECTION 1: GENERAL DESCRIPTION (FIXTURE AND DRIVER)

Voltage:	85V-277V
Power	12W
Diffuser Type:	Polymethyl Methacrylate
Base Material:	Polycarbonate
Light Output:	1200 Lumens
Beam Angle:	180 Degree
IP Rating:	IP40
Correlated Colour Temperate (CCT)	5500-6700K Cool White
Fixture Lifespan:	50,000 Hours (10+ years at 12 hours per day)
Dimensions:	L142*Φ80mm
Weight:	780g
Power Factor	>0.9
Efficiency	0.87

SECTION 2: CERTIFICATIONS MET

UL Listing : Underwriters Laboratory testing for dependable reliability and lifespan of fixture.
 RoHS: Restriction of Hazardous Substances- Ensuring no toxic chemicals or materials are used in the manufacture.
 CE Certification: European Conformity- Passed standards to be sold within the European Union.

SECTION 3: LIGHT SOURCE DESCRIPTION (LED CHIP)

LED Shape 2835 SMD

LED LED

SECTION 4: COMPARABLE OLDER LIGHT SOURCE

12W Globe LED Bulb	60W Incandescent Bulb
12 Watts Power	60 Watts Power
50,000 Hour Lifespan	1000 Hour Lifespan
Carries 1 year Warranty	Carries no warranty
Withstands voltage surges	Destroyed with small voltage surges
Available in Warm or Cool	Only Available in Warm

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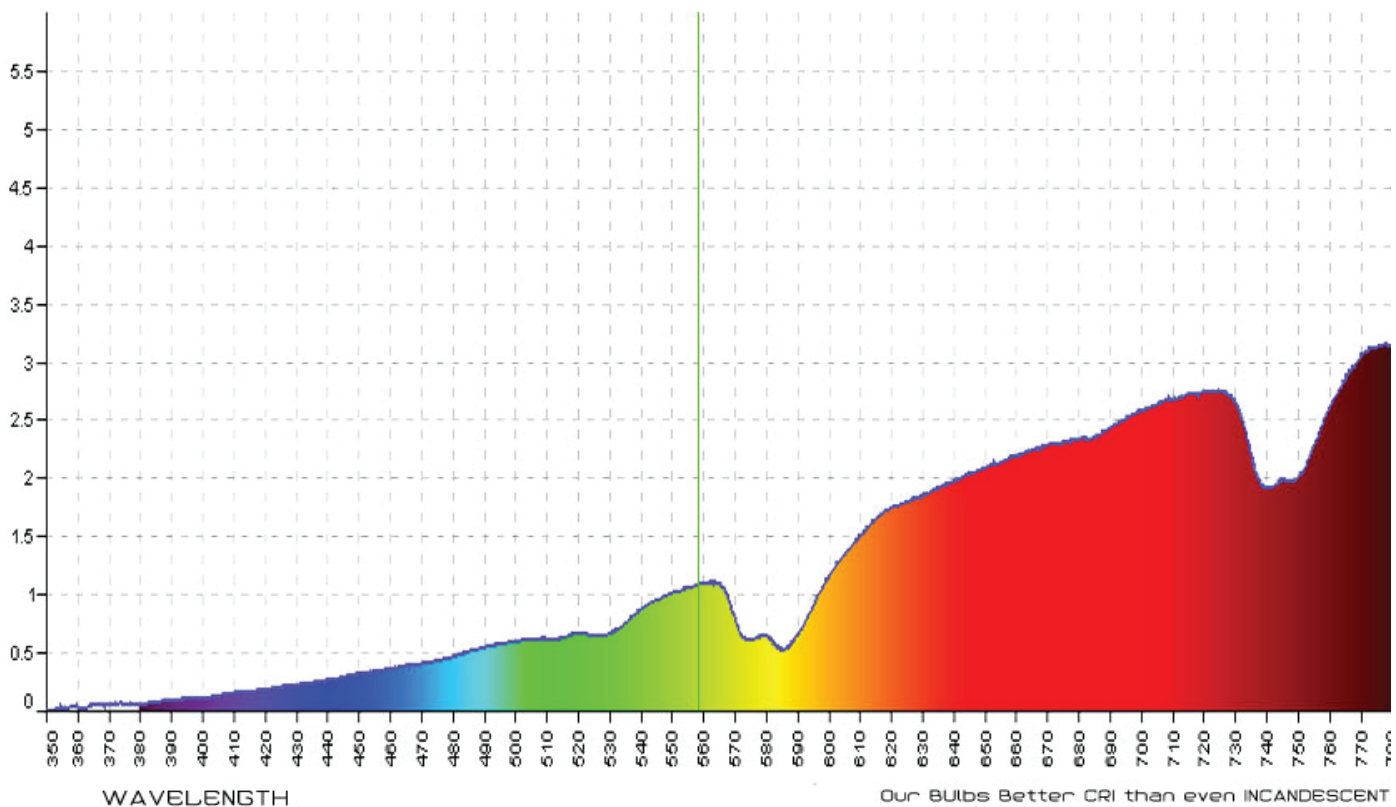
SECTION 5: ADDITIONAL BENEFITS OF THE LED GLOBE LIGHT

Long Term Investment: The specially designed heat sink does not let dust easily collect, while also allowing more air to flow through it, providing for greater heat dissipation and, in turn, improving the performance of a long-lasting, durable luminaire. LED Fixtures additionally use alot less energy and pay for themselves with the energy savings.

Instant Start Up and Restrike Time: LED Light fixtures do not require a filament to warm up or cool down before the maximum amount of light can be acheived. The lifespan of an LED **not affected** by switching on and off. This is a huge benefit as compared to metal halide bulbs and flourescent bulbs which are advised by manufacturers to switch on/off as little as possible.

SECTION 6: WAVELENGTH SPECTRUM

Völlner LED bulb wavelength spectrum



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