



GE
Lighting



51
kWh/1000h

A+
energy class

102
lumens/watt

Infusion™ M4500 Series M4500/840/W/G4 19337

Product information

The high lumen **Infusion™ M4500 Series** is a new generation of the Infusion™ range. When combined with high efficiency optics, it allows for a genuine replacement of 50W & 70W HID with a true replication of performance and maintained light output.

Features & Benefits

- Up to 4500 lumens (depends on colourtemperature)
- 50 module watts
- Same drive current and optical interface as todays M3000
- Compatible with existing optics and most M3000 cooling solutions
- 2700K, 3000K, 3500K & 4000K colour temperatures
- >80 and >90 CRI options
- Exceptionally stable CRI across all colour ratings
- Excellent lumen maintenance (L70 at 50,000 hours)



Application areas



Retail



Office



Education



Healthcare



Hospitality



Museums and
Libraries

Product data

Product Code	19337
Dimmability	Yes
Certifications	CB/CE
Mounting type	Twist & Lock
Body Colour	White
Dimensions	Diameter = 69.75mm; Length = 20.45mm
LEDs per Module	22
Brand	General Electric (GE)

Performance data

Nominal beam angle [°]	120
Rated Lumens [lm]	4700
Weighted energy consumption [kWh/1000h]	50.6
Energy efficiency class (EEC)	A+
Rated Life [h]	50000
Colour Variation (MacAdam Elipse)	< 4-steps
Nominal correlated colour temperature (CCT) [K]	4000
Nominal lumens [lm]	4700
Colour Rendering Index (CRI) [Ra]	80

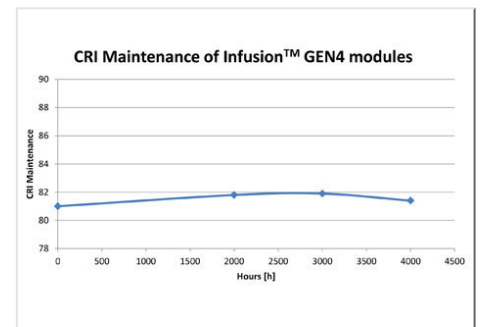
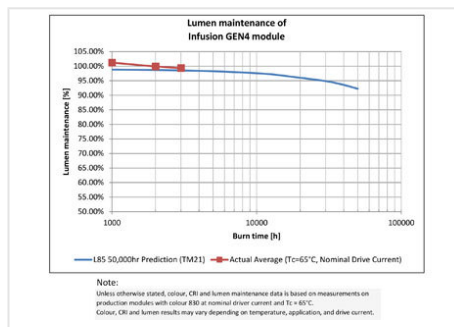
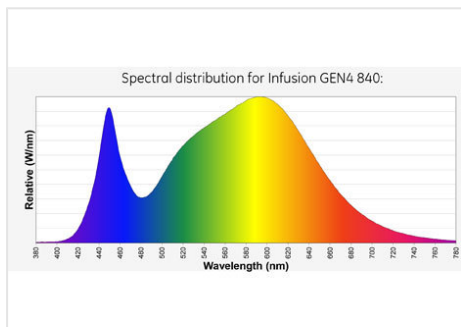
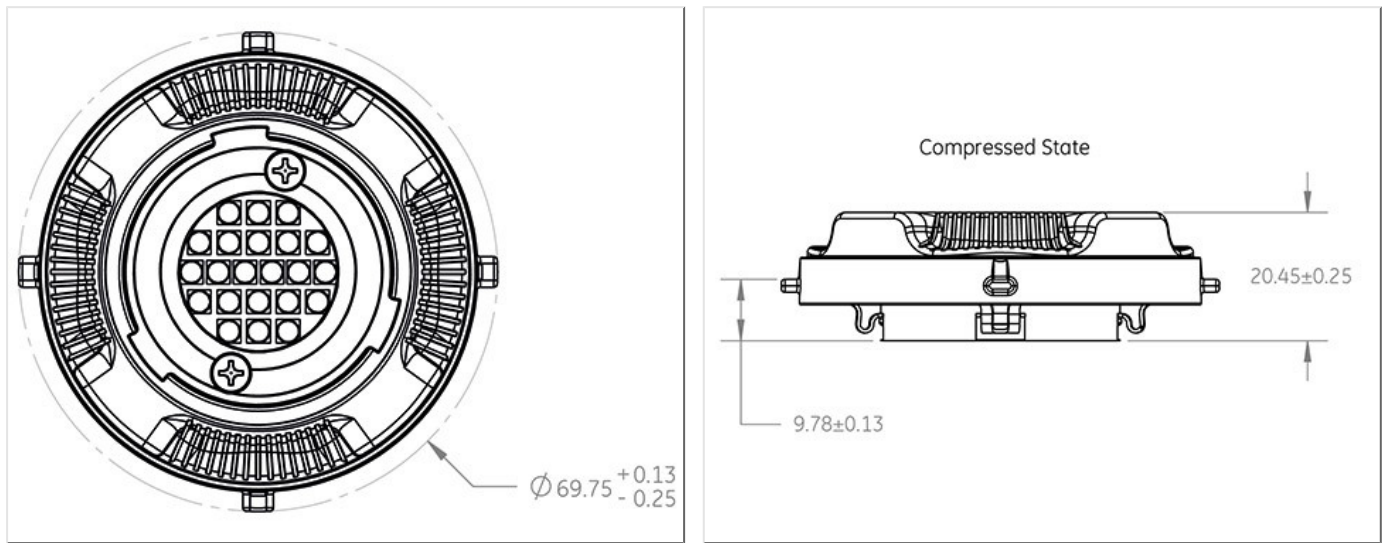
Electrical data

Rated power [W]	46.0
Drive Current [mA]	1400
Nominal power [W]	46
Nominal lamp voltage [V]	32.9

Logistic data

Pack Quantity	6
Product status	Available

Technical drawing



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Installation Guide \(HTTP\)](#)

[LED Infusion™ M4500 Series Generation4 Module Data sheet \(PDF\)](#)

[All technical drawings \(DWG, PDF, 3D\) \(HTTP\)](#)

[Product 3D models \(HTTP\)](#)

[All IES/LDT files \(HTTP\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[Infusion™ M4500 Series Data sheet \(PDF\)](#)

[All IES/LDT files \(HTTP\)](#)

[All IES/LDT files for Generation4 \(HTTP\)](#)

[All technical drawings \(DWG, PDF\) \(HTTP\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[Product 3D models \(HTTP\)](#)

[Certificate for the Quality Management System of GE Lighting EMEA \(PDF\)](#)

[Certificate for the Environmental Management System of GE Lighting EMEA \(PDF\)](#)