



GE
Lighting



Infusion™ M1000 Series M1000/830/W/N

97186

Product information

The **GE Infusion™ LED module** is a game-changing platform, designed to open up new possibilities for the use of longlasting, controllable, low maintenance LED solutions in retail, hospitality and other environments where the quality of light is critical to the customer/visitor experience.

Specifications

Rated power (W)	15
Nominal lumens [lm]	1000
Dimmability	YES
Nominal correlated colour temperature (CCT) [K]	3000
Colour rendering index (CRI) [Ra]	> 80
Beam angle [°]	14, 25, 35, 55
Rated Life (Hours)	50000
Weight [kg]	0.07
Mounting type	twist & lock
Lamp type	LED
Operating temperature [°C]	-20 to 45
Certifications	CE
Pack quantity	6
Body Colour	WHITE
Colour Variation (MacAdam Ellipse)	< 4-steps
Rated Lumens (lm)	1000
Rated Watts (W)	15
LEDs per Module	7
Drive Current (mA)	700
Dimensions	Diameter = 69.75mm; Length = 20.45mm
Energy efficiency class (EEC)	A
Nominal beam angle [°]	120
Colour consistency	< 4 steps
Nominal life [h]	50000
Number of switching cycles	> 15,000 hrs
Nominal lamp power factor	1
Rated beam angle [°]	125,1
Rated peak intensity in [Cd]	317,429
Total system power [W]	15
Starting time [sec]	< 0.1
Warm-up time [sec]	< 0.1

Weighted energy consumption [kWh/1000h]

16,5

Product status

Available

Application areas



Hospitality



Healthcare



Office



Education

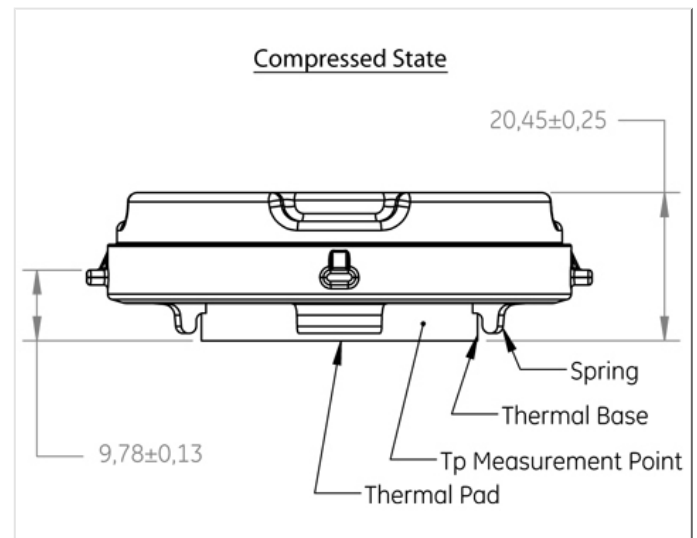
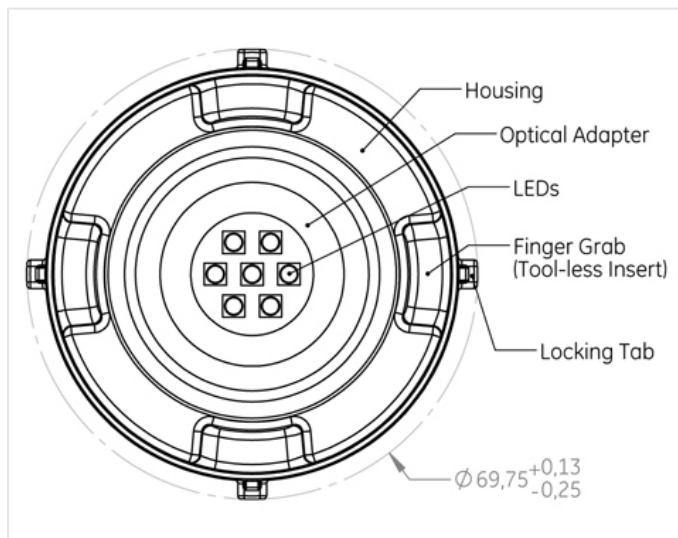


Museum and libraries

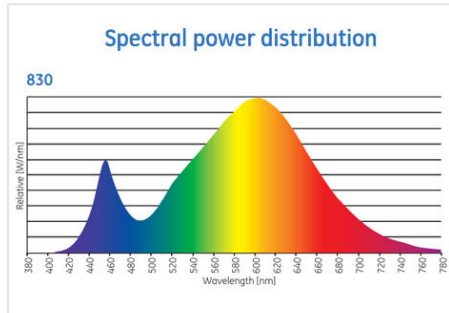


Retail

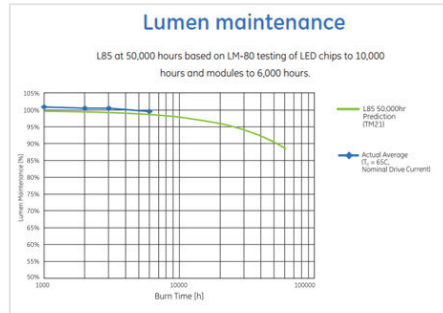
Technical drawing



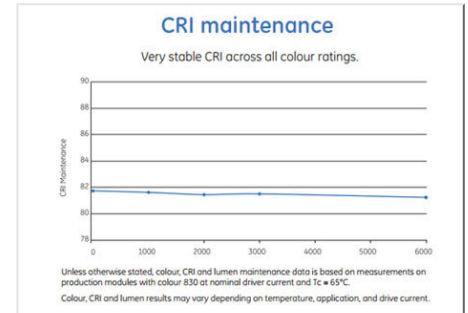
Spectral distribution



Lumen maintenance



CRI maintenance



Downloads & Links

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

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

[High-resolution image \(HTTP\)](#)

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

[LED Infusion™ Module Catalogue \(EN,FR\) \(PDF\)](#)

[LED Infusion™ Thermal Considerations Cat. \(PDF\)](#)

[M1000 Series Generation2 Module Data sheet \(PDF\)](#)

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