GE Lighting

A+
energy class

115
lumens/watt
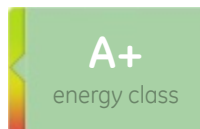
2D 16W magnetic retrofit
LED 2D2P 6.5W/CCG/827/GR8 GE BX1/10
93039469

Product information

GE's LED 2D lamp offers safe, reliable and affordable energy saving alternative to CFL 2D lamps used in bulkhead fixtures. GE's new LED 2D lamps can offer direct retrofit replacement for 16W 2Pin 2D lamps operated on Magnetic ballast, 28W 4Pin 2D lamps operated on Magnetic and Electronic ballast (separate designs).

This replacement can be completed simply without tools or costly upgrade and the robust middle part will ensure easy handle during installation. The upgraded fixture will deliver huge energy saving and reduced operating cost driven by the increased life and the classic 2D shape with great light distribution will ensure satisfaction for end-users.

Application areas

Office

Hospitality

WORLDWIDE PARTNER

Product data

Product Code	93039469
Bulb Shape	2D
Net weight per piece [g]	95
Gross weight per piece [g]	148
Operating position	universal
Mercury Content [mg]	0g
RoHS compliant	Yes
Brand	General Electric (GE)
Cap/Base	GR8

Performance data

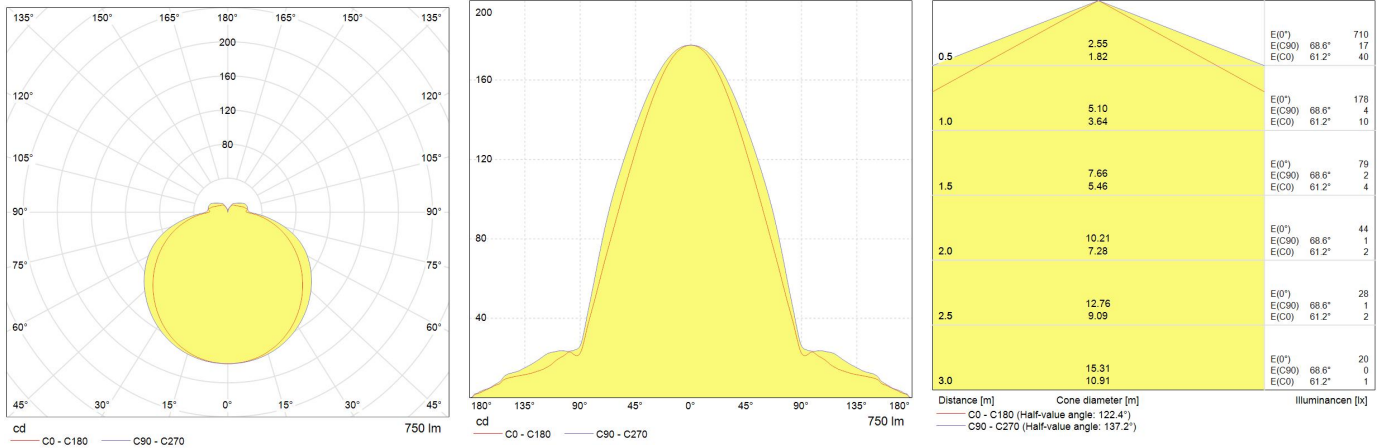|	
Colour consistency	<6 step
Nominal beam angle [°]	120×130
Rated Lumens [lm]	750
Rated efficacy [lm/W]	115
Energy efficiency class (EEC)	A+
Rated life L70/B50 [h]	40000
Nominal correlated colour temperature (CCT) [K]]	2700
Nominal lumens [lm]	750
Colour Rendering Index (CRI) [Ra]	80

Electrical data

Nominal lamp power factor...	ballast driven
Lamp Current [A]	30mA
Operating Temperature [°C]	-20°C~40°C
Operating Temperature (MIN) [°C]	-20°C
Operating Temperature (MAX) [°C]	40°C
Startup time [sec]	<0.5
Number of switching cycles	50000
Dimming Capability	No
Ballast Required	magnetic
Nominal power [W]	6.5

Logistic data

DUN Code	10064894548502
EAN Code	0064894548505
Pack Quantity	10
Inner pack type	Bx
Outer pack type	outer bx
Layer quantity	170 EUR, 210 UK
Layer quantity EUR	170
Layer quantity UK	210
Pallet quantity EUR (PC)	1020
Pallet quantity UK (PC)	1260
Outer case size	334x155x167mm
Dimension [mm]	136×132.5×27.4
Product status	Available

Photometric Data

Distance [m]	Cone diameter [m]		Illuminancen [lx]	
0.5	2.55 / 1.82	E(0°)		710
		E(C90)	68.6°	17
		E(C0)	61.2°	40
1.0	5.10 / 3.64	E(0°)		178
		E(C90)	68.6°	4
		E(C0)	61.2°	10
1.5	7.66 / 5.46	E(0°)		79
		E(C90)	68.6°	2
		E(C0)	61.2°	4
2.0	10.21 / 7.28	E(0°)		44
		E(C90)	68.6°	1
		E(C0)	61.2°	2
2.5	12.76 / 9.09	E(0°)		28
		E(C90)	68.6°	1
		E(C0)	61.2°	2
3.0	15.31 / 10.91	E(0°)		20
		E(C90)	68.6°	0
		E(C0)	61.2°	1

C0 - C180 (Half-value angle: 122.4°)
C90 - C270 (Half-value angle: 137.2°)

Downloads & Links

Go to the catalog site (HTTP)

Photometry (IES)

LED 2D Data sheet (PDF)

LED 2D Images (HTTP)

Lighting design tools & calculators (HTTP)

Certificate for the Quality Management System of GE Lighting EMEA (PDF)

Certificate for the Environmental Management System of GE Lighting EMEA (PDF)