



GE
Lighting



MR16 IR Precise™ ConstantColor™ Q45MR16HIR/CCG36 CE **99641**

Product information

Precise™ MR16 lamps are low voltage tungsten halogen reflector-mounted lamps popular for downlighting and accent lighting applications because of their small size, precise beam control, high efficacy, excellent white light and cool beam characteristics. New ConstantColor™ Precise™ IR lamp comprises a small halogen low voltage filament infra-red coated capsule permanently cemented into a one-piece, dichroic coated all glass reflector. Beam patterns range from very narrow spots to wide floods. The lamp incorporates an integral clear lens to ensure that both bulb and reflector are protected from dust and dirt during installation and operation. Cover glass effectively eliminates UV-C radiation and greatly reduces UV-B radiation.

Product data

Cap/Base	GU5.3
Bulb Shape	Mirrored reflector
Bulb Diameter [mm]	50
Maximum Overall Length [mm]	46
Net weight per piece [g]	32
Gross weight per piece [g]	54
Brand	General Electric (GE)

Performance data

Colour Rendering Index (CRI) [Ra]	100
Nominal correlated colour temperature (CCT) [K]	3000
Nominal beam angle [°]	36
Rated beam angle [°]	36
Nominal center beam candlepower (CBCP) [cd]	2300
Rated peak intensity in [Cd]	2300
Nominal lumens [lm]	935
Rated Lumens [lm]	860
Energy efficiency class (EEC)	B
Rated Life [h]	5000
Nominal Lifetime [h]	5000
Nominal power [W]	45
Nominal lamp voltage [V]	12

Electrical data

Rated power [W]	45.0
Nominal lamp power factor	1
Weighted energy consumption [kWh/1000h]	50.26
Run-up time (sec)	Instant startup
Starting time [sec]	0,0 s
Number of switching cycles	20000
Dimming Capability	Yes

Logistic data

DUN Code	10043168996416
EAN Code	0043168779098
Pack Quantity	10
Inner pack type	BOX
Outer pack type	OUTER BOX
Layer quantity	740 EUR, 920 UK
Layer quantity EUR	740
Layer quantity UK	920
Pallet quantity EUR (PC)	6660
Pallet quantity UK (PC)	8280
Outer case size	234 x 108 x 116 (mm)
Product status	Available

Application areas



Downloads & Links

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

[Halogen Lamps Spectrum Catalogue \(PDF\)](#)

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