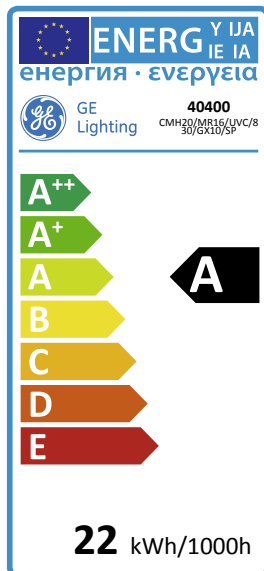




GE
Lighting



22
kWh/1000h

A
energy class

50
lumens/watt

ConstantColor™ CMH MR16 CMH20/MR16/UVC/830/GX10/SP 40400

Product information

ConstantColor™ CMH lamps combine HPS technology (providing stability, efficiency & uniformity) and Metal Halide Technology (providing bright white quality light) to produce highly efficient light sources with good colour rendering and consistent colour performance through life.

This is achieved by using the ceramic arc tube material from the Lucalox™ lamp, which minimises the chemical changes inside the lamp through life.

Application areas



Retail



Industrial



Product data

Cap/Base	GX10
Bulb Shape	Mirrored reflector
Bulb Finish	Clear
Bulb Diameter [mm]	51
Maximum Overall Length [mm]	54.5
Net weight per piece [g]	61
Gross weight per piece [g]	92
Operating position	U - Universal
Mercury Content [mg]	2.3
UV radiance	Exempt
Brand	General Electric (GE)

Performance data

Colour Code	830
Colour Rendering Index (CRI) [Ra]	80
Nominal correlated colour temperature (CCT) [K]	3000
Nominal beam angle [°]	12
Rated beam angle [°]	11
Nominal center beam candlepower (CBCP) [cd]	9000
Rated peak intensity in [Cd]	9289
Nominal lumens [lm]	1000
Rated Lumens [lm]	882
Nominal useful lumens [lm]	882
Rated useful lumens [lm]	882
Nominal efficacy [LpW]	50
Rated efficacy [LpW]	44.7
Energy efficiency class (EEC)	A
Rated average life [h]	12000
Nominal chromaticity coordinate X	0.431
Nominal chromaticity coordinate Y	0.403
Weighted energy consumption [kWh/1000h]	21.73

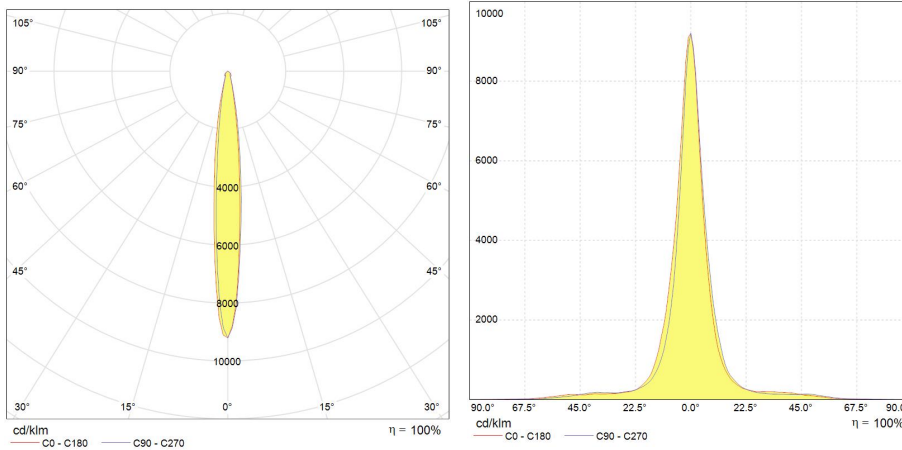
Electrical data

Nominal power [W]	20
Rated power [W]	19.8
Nominal lamp voltage [V]	95
Lamp Current [A]	0.2
Design Ambient Temperature [°C]	25
Run-up time (sec)	90
Hot restart time (sec)	240
Dimming Capability	Yes
Ballast Required	Yes

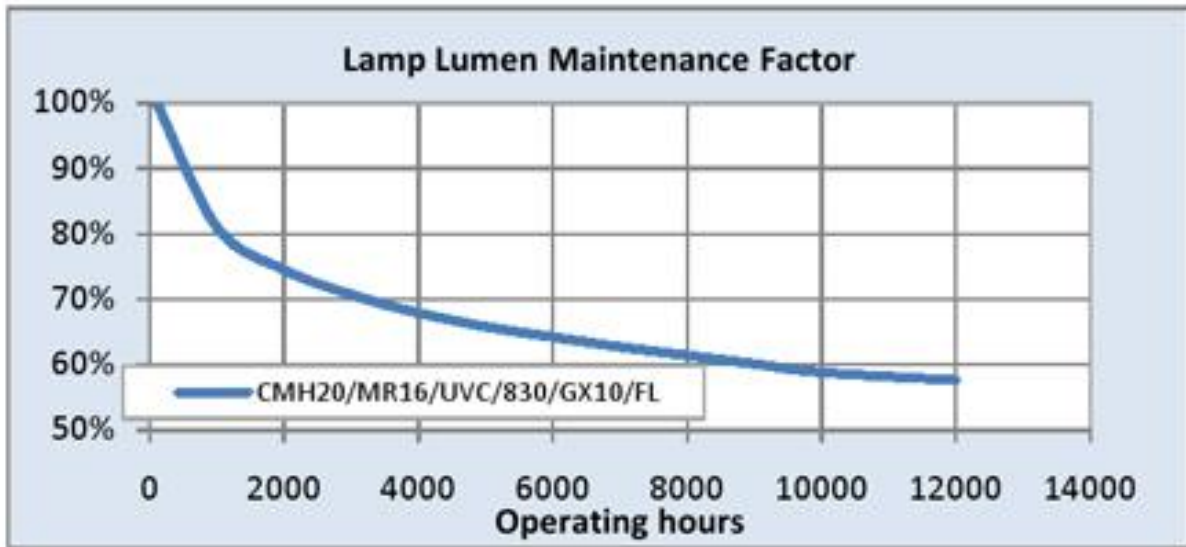
Logistic data

DUN Code	10043168404003
EAN Code	43168404006
Pack Quantity	12
Inner pack type	BOX
Layer quantity	288 EUR, 348 UK
Layer quantity EUR	288
Layer quantity UK	348
Pallet quantity EUR (PC)	4032
Pallet quantity UK (PC)	4872
Outer case size	226 x 171 x 77 (mm)

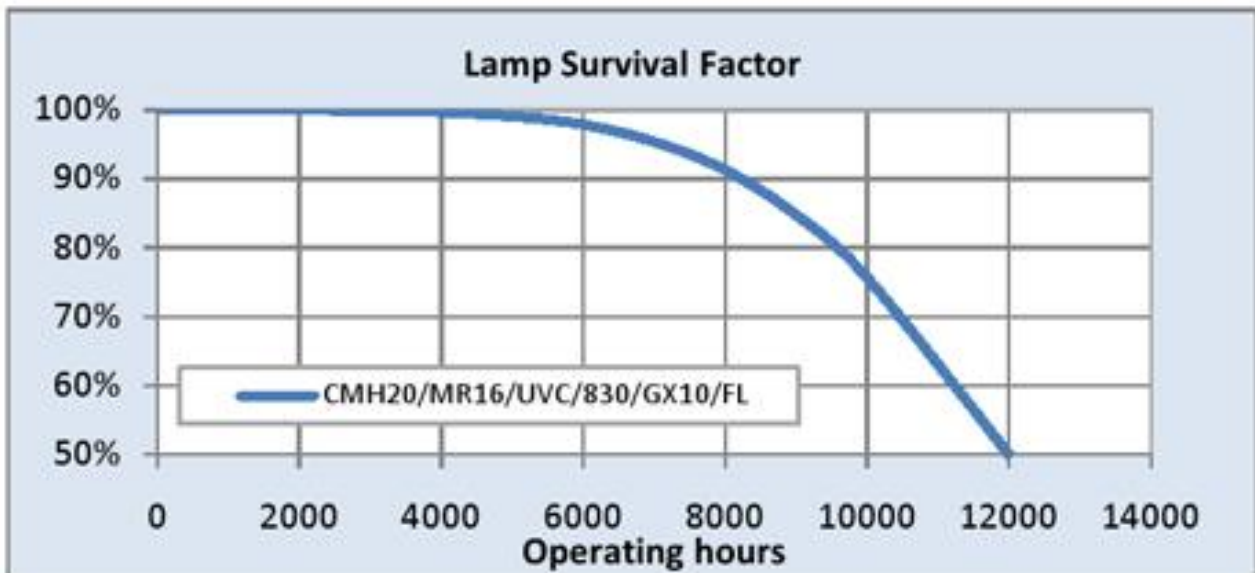
Photometric Data



Lumen maintenance data



Survival data



Downloads & Links

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

[Photometry \(IES\)](#)

[HID Lamps Spectrum Catalogue \(EN\) \(PDF\)](#)

[ConstantColor™ CMH Ultra Brochure \(PDF\)](#)

[ConstantColor™ White Light CMH Brochure \(PDF\)](#)

[ConstantColor™ CMH MR16 Data sheet \(PDF\)](#)

[CMH Product Safety Data Sheet \(PDF\)](#)

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

[High-res images / Technical drawings \(HTTP\)](#)

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

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