



GE
Lighting



ConstantColor™ CMH MR16
CMH20/MR16/UVC/830/GX10/WFL

42691

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.



WORLDWIDE PARTNER

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]	59
Gross weight per piece [g]	90
Operating position	U - Universal
Mercury Content [mg]	2.3
UV radiance	Exempt
Brand	General Electric (GE)
Energy efficiency class (EEC)	A

Performance data

Colour Code	830
Colour Rendering Index (CRI) [Ra]	80
Nominal correlated colour temperature (CCT) [K]	3000
Nominal beam angle [°]	40
Rated beam angle [°]	38.3
Nominal center beam candlepower (CBCP) [cd]	1500
Rated peak intensity in [Cd]	1847
Nominal lumens [lm]	1000
Rated Lumens [lm]	857
Nominal useful lumens [lm]	857
Rated useful lumens [lm]	857
Nominal efficacy [LpW]	50
Rated efficacy [LpW]	43.3
Rated average life [h]	12000
Nominal chromaticity coordinate X	0.431
Nominal chromaticity coordinate Y	0.403
Nominal power [W]	20
Weighted energy consumption [kWh/1000h]	21.76
Nominal lamp voltage [V]	95

Electrical data

Rated power [W]	19.8
Lamp Current [A]	0.2
Design Ambient Temperature [°C]	25
Run-up time (sec)	90
Hot restart time (sec)	240
Dimming Capability	No
Ballast Required	Yes

Logistic data

DUN Code	10043168426913
EAN Code	0043168426916
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)
Product status	Available

Application areas



Retail

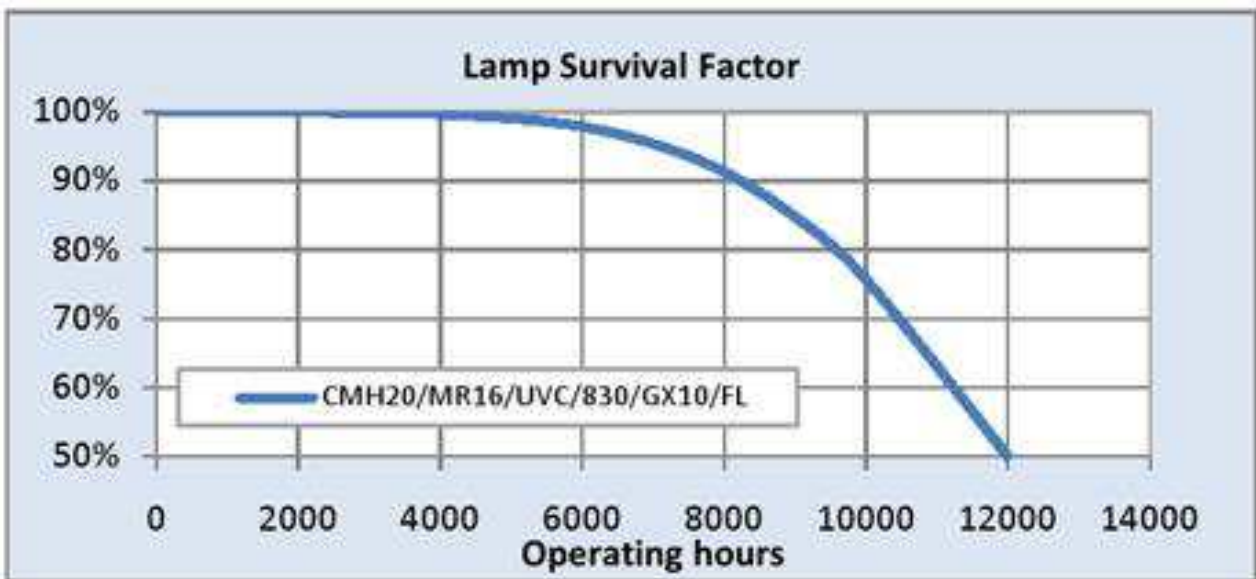


Industrial

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 \(HTTP\)](#)

Photometric Data

