



GE
Lighting



ConstantColor™ CMH MR16
CMH35/MR16/UVC/930/GX10/SP BX1/12

88658

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]	64
Gross weight per piece [g]	100
Operating position	U - Universal
Mercury Content [mg]	4.5
UV radiance	Exempt
Brand	General Electric (GE)
Energy efficiency class (EEC)	A

Performance data

Colour Code	930
Colour Rendering Index (CRI) [Ra]	90
Nominal correlated colour temperature (CCT) [K]	3000
Nominal beam angle [°]	12
Rated beam angle [°]	13
Nominal center beam candlepower (CBCP) [cd]	16000
Rated peak intensity in [Cd]	16826
Nominal lumens [lm]	2200
Rated Lumens [lm]	2066
Nominal useful lumens [lm]	2066
Rated useful lumens [lm]	2066
Nominal efficacy [LpW]	56
Rated efficacy [LpW]	53.8
Rated average life [h]	10000
Nominal chromaticity coordinate X	0.444
Nominal chromaticity coordinate Y	0.401
Nominal power [W]	39
Weighted energy consumption [kWh/1000h]	42.21
Nominal lamp voltage [V]	90

Electrical data

Rated power [W]	38.4
Lamp Current [A]	0.4
Design Ambient Temperature [°C]	25
Run-up time (sec)	90
Hot restart time (sec)	390
Dimming Capability	Yes
Ballast Required	Yes

Logistic data

DUN Code	10043168886588
EAN Code	0043168886581
Inner pack type	BOX
Outer pack type	OUTER 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

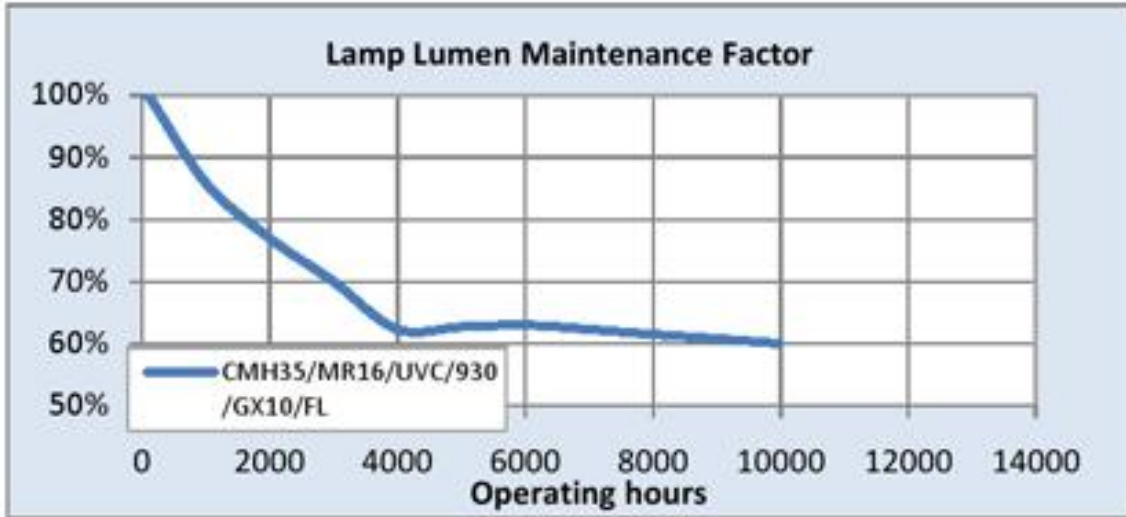


Retail

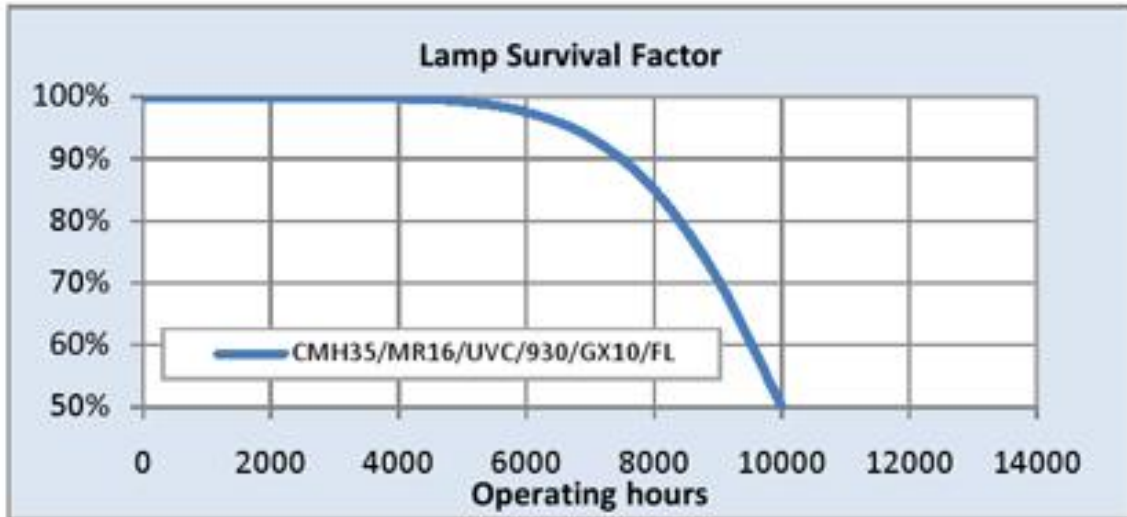


Industrial

Lumen maintenance data



Survival Data



Downloads & Links

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

[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 \(HTTP\)](#)