GE Lighting

22 kWh/1000h	A energy class	50 lumens/watt

ConstantColor™ CMH MR16

CMH20/MR16/UVC/830/GX10/FL

40401

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

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GE Lighting   40401
CMH20/MR16/UVC/8
30/GX10/FL

A++
A+
A
B
C
D
E

A

22 kWh/1000h

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]	60
Gross weight per piece [g]	92
Operating position	U - Universal
Mercury Content [mg]	2.3
UV radiance	Exempt
Brand	General Electric (GE)

Performance data

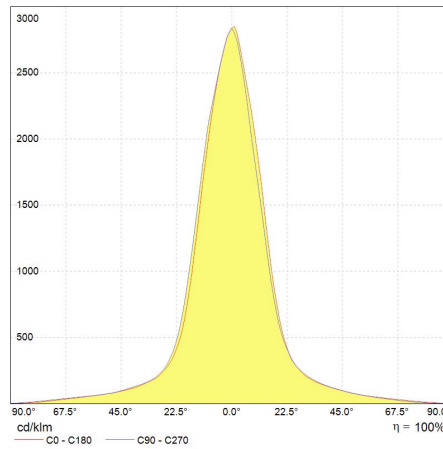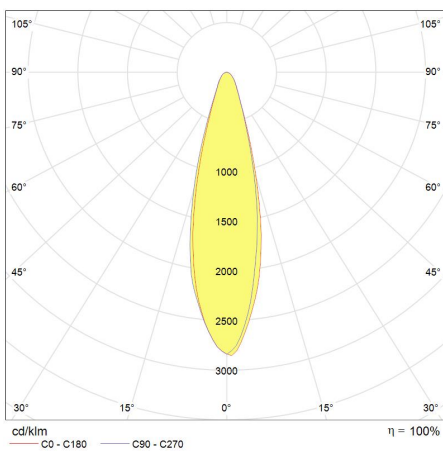|	
Colour Code	830
Colour Rendering Index (CRI) [Ra]	80
Nominal correlated colour temperature (CCT) [K]	3000
Nominal beam angle [°]	25
Rated beam angle [°]	26.8
Nominal center beam candlepower (CBCP) [cd]	2900
Rated peak intensity in [Cd]	2915
Nominal lumens [lm]	1000
Rated Lumens [lm]	849
Nominal useful lumens [lm]	849
Rated useful lumens [lm]	849
Nominal efficacy [LpW]	50
Rated efficacy [LpW]	43.1
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]	21.7

Electrical data

Nominal power [W]	20
Rated power [W]	19.7
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	No
Ballast Required	Yes

WORLDWIDE PARTNER

GE Lighting

Logistic data

DUN Code	10043168404010
EAN Code	0043168404013
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

Photometric Data

Lumen maintenance data

Lamp Lumen Maintenance Factor
CMH20/MR16/UVC/830/GX10/FL

Survival data

Lamp Survival Factor
CMH20/MR16/UVC/830/GX10/FL
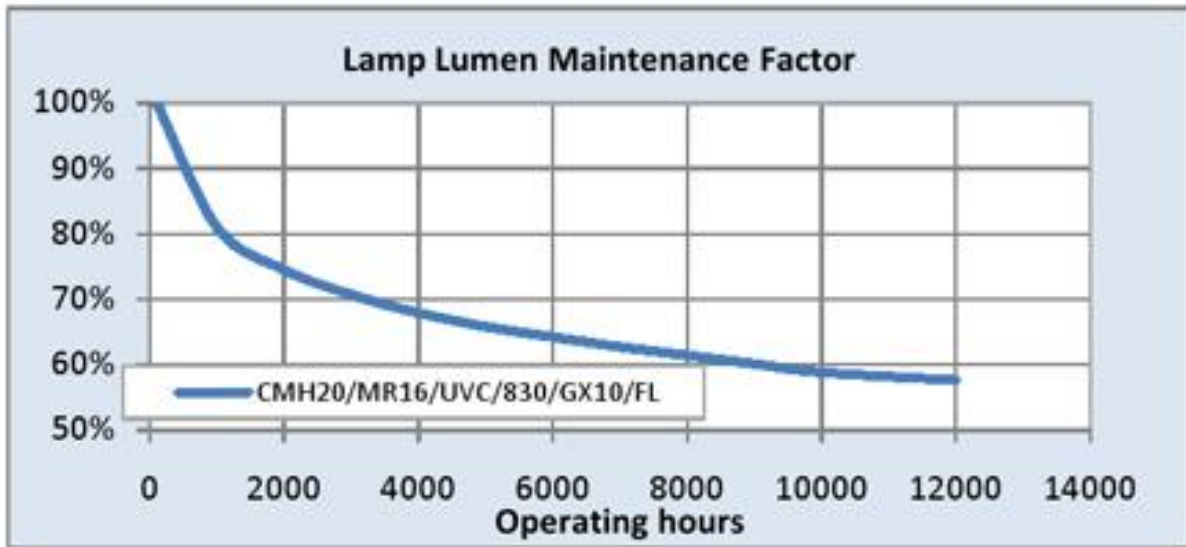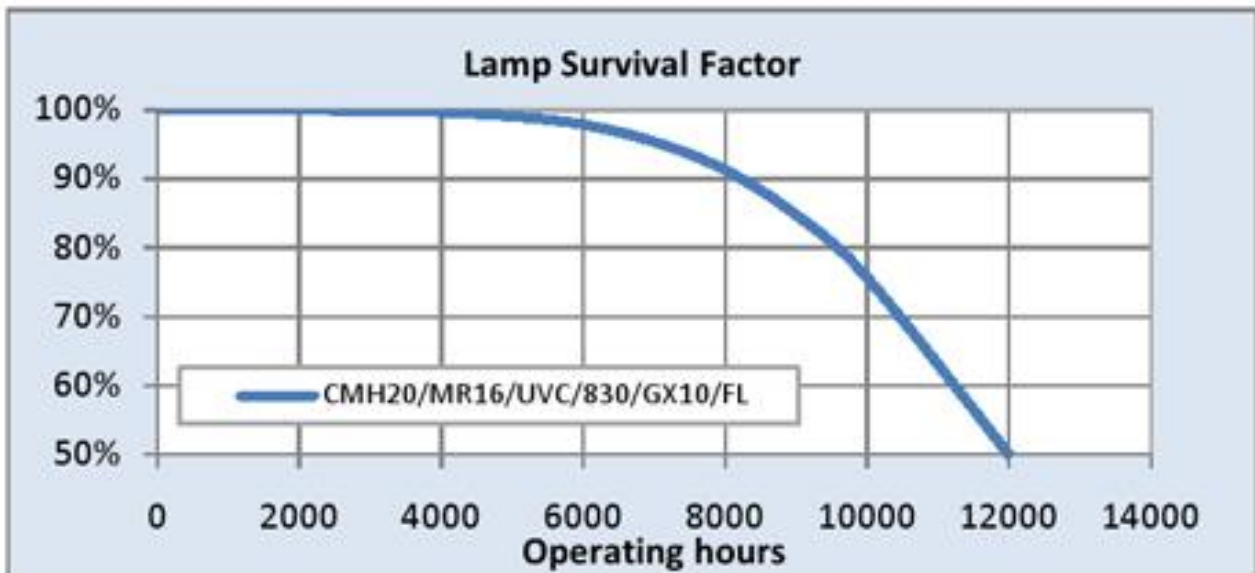
Downloads & Links

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)