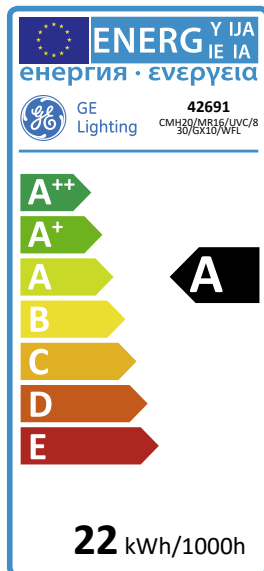| 22 kWh/1000h | A energy class | 50 lumens/watt |

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.

Application areas

Retail

Industrial

ENERGY · ενέργεια

GE Lighting
42691
CMH20/MR16/UVC/830/GX10/WFL

A++
A+
A
B
C
D
E

A

22 kWh/1000h

Product data

Product Code	42691
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)
Cap/Base	GX10

Performance data

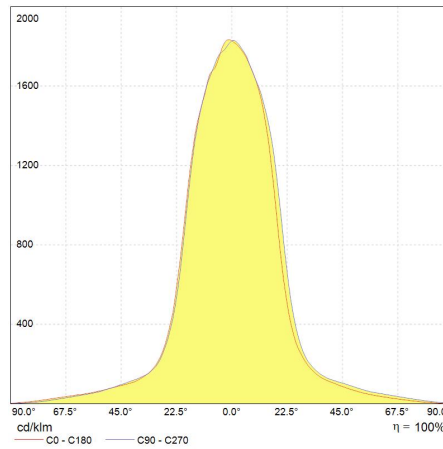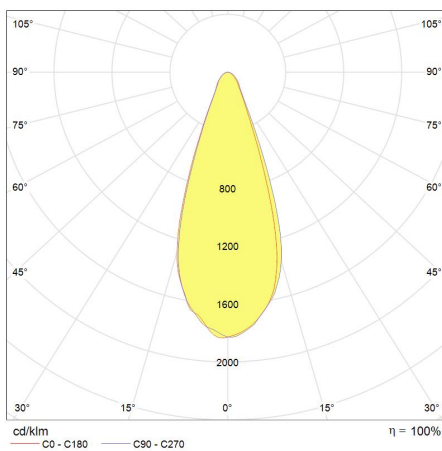|	
Colour Code	830
Nominal beam angle [°]	40
Rated beam angle [°]	38.3
Nominal center beam candlepower (CBCP) [cd]	1500
Rated peak intensity in [Cd]	1847
Rated Lumens [lm]	857
Weighted energy consumption [kWh/1000h]	21.76
Nominal useful lumens [lm]	857
Rated useful lumens [lm]	857
Nominal efficacy [LpW]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

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
Nominal power [W]	20
Nominal lamp voltage [V]	95

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

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
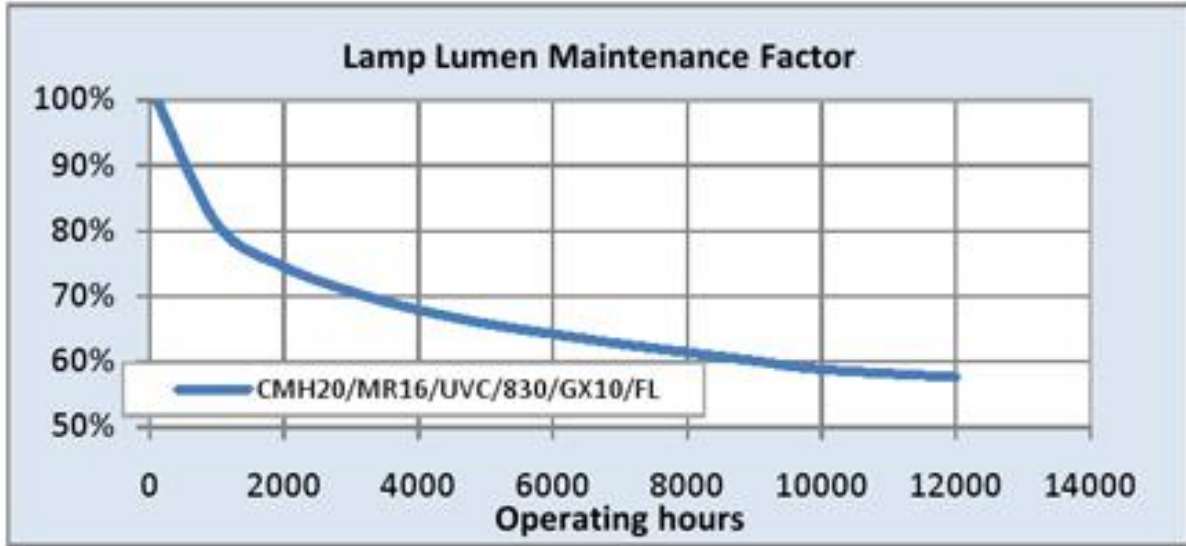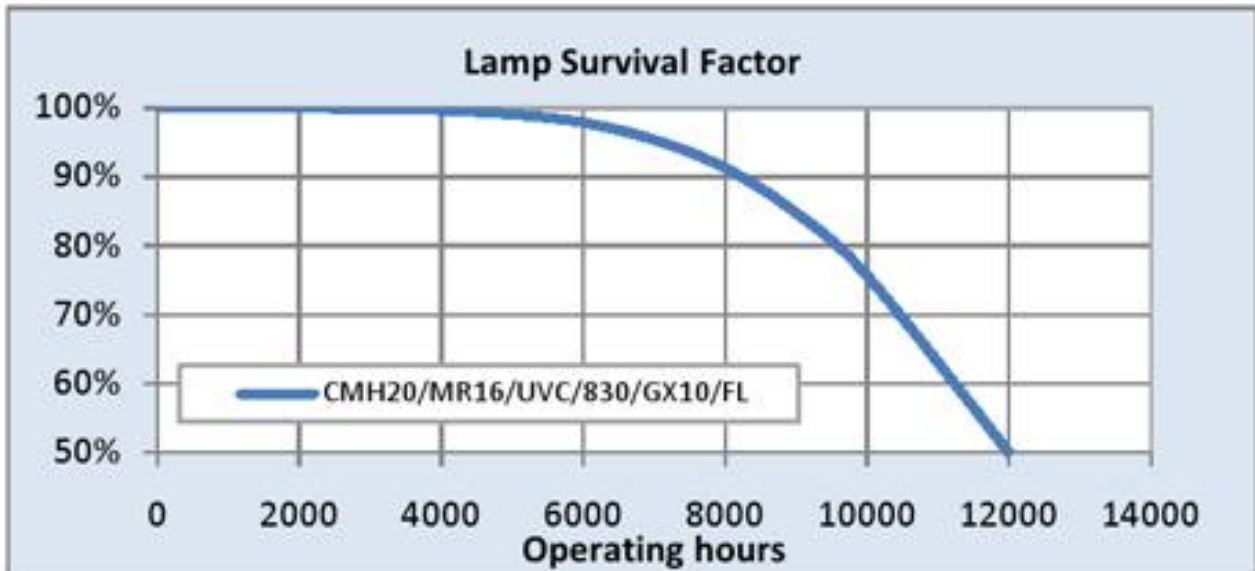
Downloads & Links

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)