43 kWh/1000h	A energy class	63 lumens/watt

ConstantColor™ CMH MR16

CMH35/MR16/UVC/942/GX10/SP BX1/12

88661

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GE Lighting   88661
CMH35/MR16/UVC/942/GX10/SP BX1/12

A++
A+
A
B
C
D
E

A

43 kWh/1000h

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]	64
Gross weight per piece [g]	100
Operating position	U - Universal
Mercury Content [mg]	3.5
UV radiance	Exempt
Brand	General Electric (GE)

Performance data

|	
Colour Code	942
Colour Rendering Index (CRI) [Ra]	92
Nominal correlated colour temperature (CCT) [K]	4000
Nominal beam angle [°]	12
Rated beam angle [°]	13
Nominal center beam candlepower (CBCP) [cd]	16000
Rated peak intensity in [Cd]	17378
Nominal lumens [lm]	2200
Rated Lumens [lm]	1997
Nominal useful lumens [lm]	1997
Rated useful lumens [lm]	1997
Nominal efficacy [LpW]	63
Rated efficacy [LpW]	52
Energy efficiency class (EEC)	A
Rated average life [h]	12000
Nominal chromaticity coordinate X	0.377
Nominal chromaticity coordinate Y	0.365
Weighted energy consumption [kWh/1000h]	42.26

Electrical data

Nominal power [W]	35
Rated power [W]	38.4
Nominal lamp voltage [V]	90
Lamp Current [A]	0.4
Design Ambient Temperature [°C]	25
Run-up time (sec)	90
Hot restart time (sec)	390
Dimming Capability	No
Ballast Required	Yes

Logistic data

DUN Code	10043168886618
EAN Code	0043168886611
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

Photometric Data
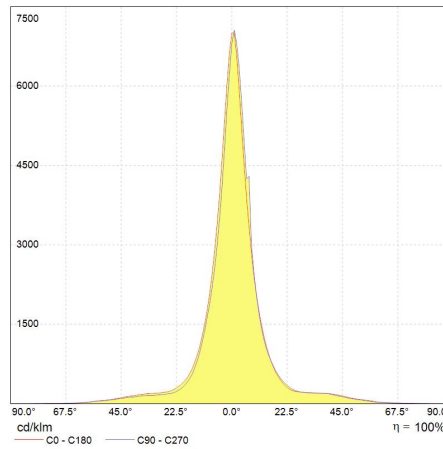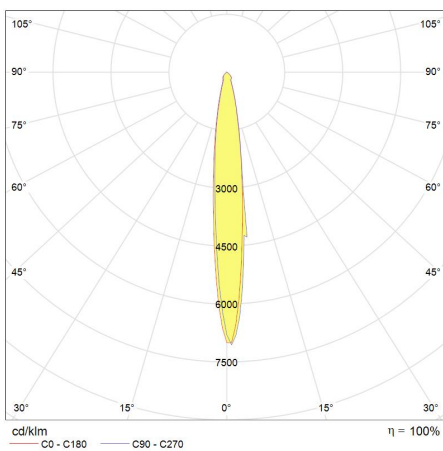
Lumen maintenance data

Survival data

WORLDWIDE PARTNER
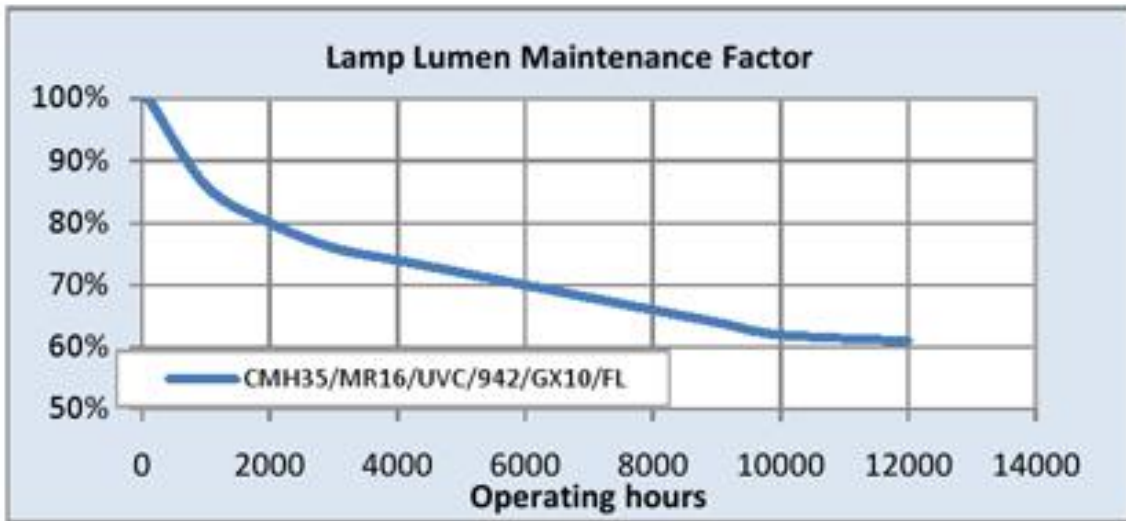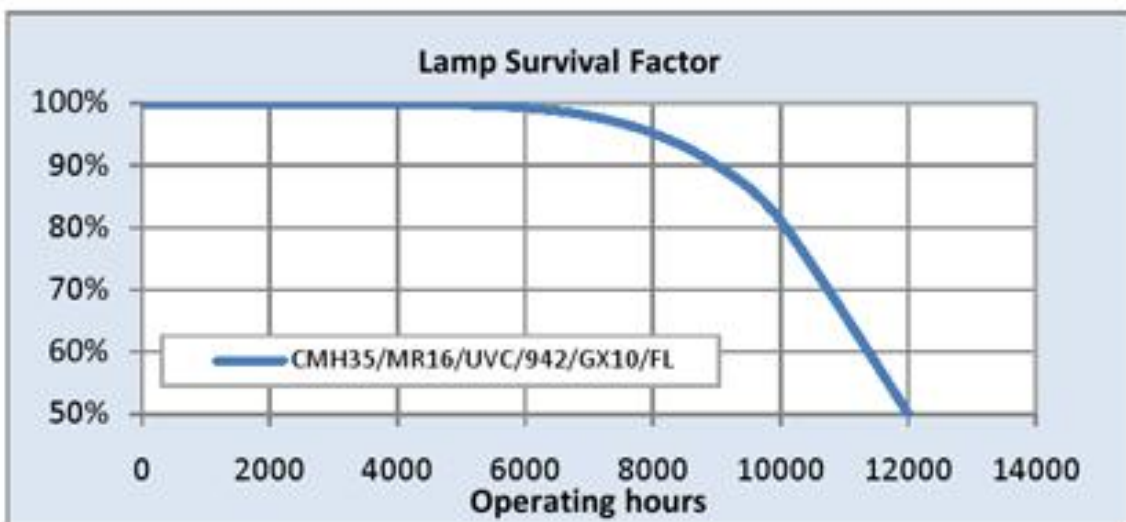
Downloads & Links

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)