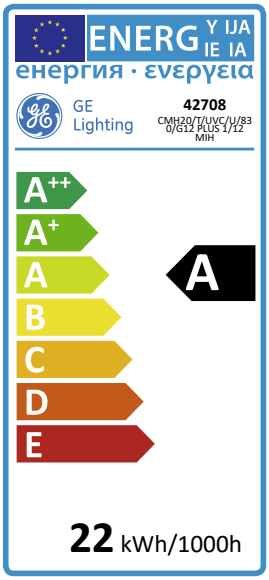
GE Lighting



22 kWh/1000h

A energy class

82 lumens/watt

ConstantColor™ CMH Single Ended

CMH20/T/UVC/U/830/G12 PLUS 1/12 MIH

42708

Product information

GE's low watt **CMH lamps** have opened new possibilities for lighting design, combining the power and light quality of far larger and less efficient lamps. It is now possible to achieve lighting design that could not be achieved previously with inferior technologies.
GE's new **ConstantColor™ CMH Precise™** technology platform has been developed with specific focus to retail applications. GE Precise™ technology offers superb overall light quality, outstanding lumen maintenance, improved efficacy, whihle maintaining long life and reliability. These qualities are why GE is the leader in ceramic metal halide technology.

Application areas

Retail

Industrial

CE

WORLDWIDE PARTNER

GE Lighting

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CMH20/T/UVC/U/830/G12 PLUS 1/12 MIH

42708

Product data

Light Center Length [mm]	56
Product Code	42708
Bulb Shape	Tubular
Bulb Finish	Clear
Maximum Overall Length [mm]	90
Net weight per piece [g]	23
Gross weight per piece [g]	42
Operating position	U - Universal
Mercury Content [mg]	2.4
UV radiance	Exempt
Brand	General Electric (GE)
Cap/Base	G12

Performance data

Colour Code	830
Rated Lumens [lm]	1580
Weighted energy consumption [kWh/1000h]	21.78
Nominal efficacy [LpW]	83
Rated efficacy [LpW]	79.8
Energy efficiency class (EEC)	A
Nominal chromaticity coordinate X	0.435
Nominal chromaticity coordinate Y	0.4
Nominal correlated colour temperature (CCT) [K]]	3000
Nominal lumens [lm]	1650
Colour Rendering Index (CRI) [Ra]	80

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Electrical data

Rated power [W]	19.8
Lamp Current [A]	0.2
Design Ambient Temperature [°C]	25
Run-up time (sec)	85
Hot restart time (sec)	240
Dimming Capability	No
Ballast Required	Yes
Nominal power [W]	20
Nominal lamp voltage [V]	92

Logistic data

DUN Code	10043168427088
EAN Code	0043168427081
Pack Quantity	12
Inner pack type	BOX
Outer pack type	OUTER BOX
Layer quantity	960 EUR, 1236 UK
Layer quantity EUR	960
Layer quantity UK	1236
Pallet quantity EUR (PC)	8640
Pallet quantity UK (PC)	11124
Outer case size	138 x 82 x 118 (mm)
Product status	Available

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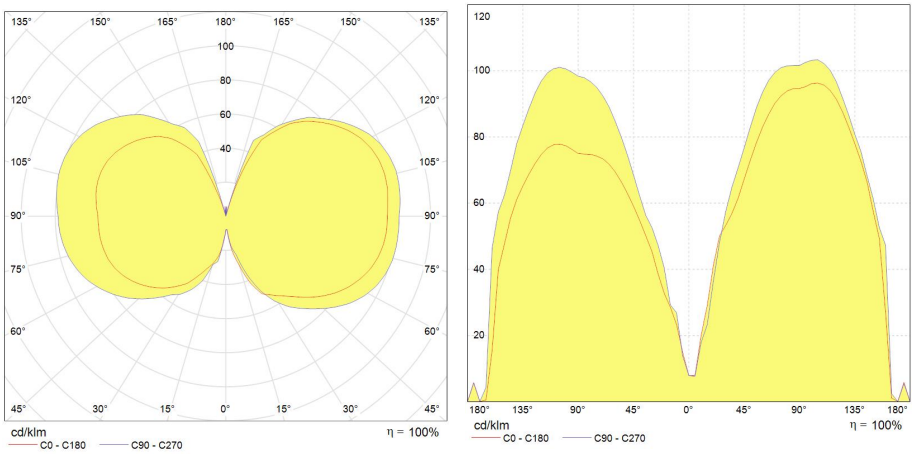
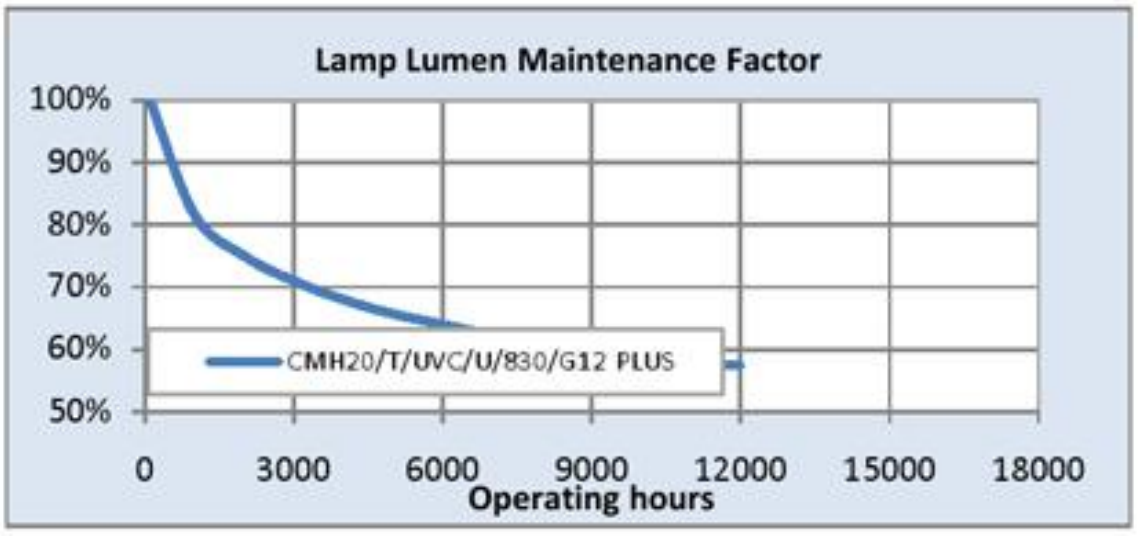
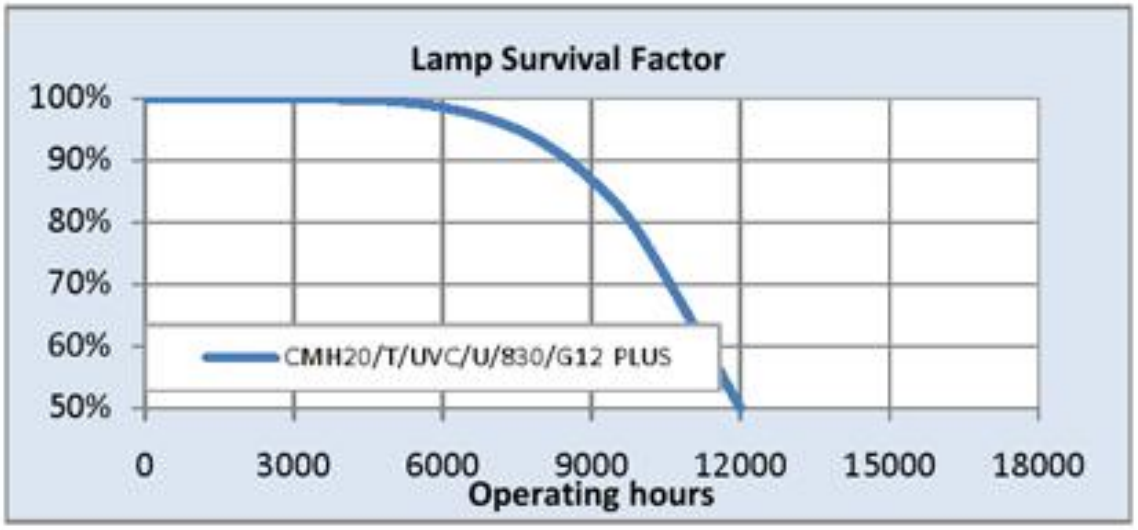
Photometric Data



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 G12 Data sheet (PDF)

Lighting design tools & calculators (HTTP)

HID Lamps Spectrum Catalogue (EN) (PDF)

ConstantColor™ CMH Ultra Brochure (PDF)

ConstantColor™ White Light CMH Brochure (PDF)

ConstantColor™ CMH G12 Data sheet (PDF)

CMH G8.5 and G12 Ultra Data sheet (PDF)

ConstantColor™ CMH G8.5 and G12 Precise™ Datasheet (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)

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