



GE  
Lighting

22  
kWh/1000h

A  
energy class

82  
lumens/watt



## ConstantColor™ CMH Single Ended Mini CMH20/TC/UVC/830/G8,5 PLUS **39858**

### 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, while maintaining long life and reliability. These qualities are why GE is the leader in ceramic metal halide technology.

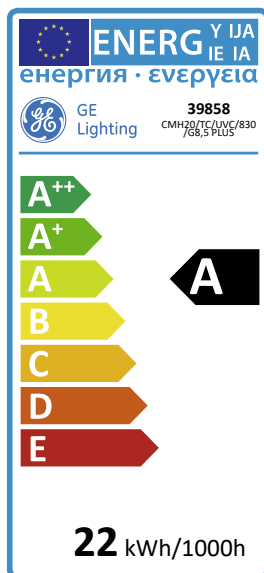
### Application areas



Retail



Industrial



## Product data

Light Center Length [mm]	52
Product Code	39858
Bulb Shape	Tubular
Bulb Finish	Clear
Maximum Overall Length [mm]	85
Net weight per piece [g]	9
Gross weight per piece [g]	17
Operating position	U - Universal
Mercury Content [mg]	2.4
UV radiance	Exempt
Brand	General Electric (GE)
Cap/Base	G8.5

## Performance data

Colour Code	830
Rated Lumens [lm]	1600
Weighted energy consumption [kWh/1000h]	21.78
Nominal efficacy [LpW]	83
Rated efficacy [LpW]	80.8
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

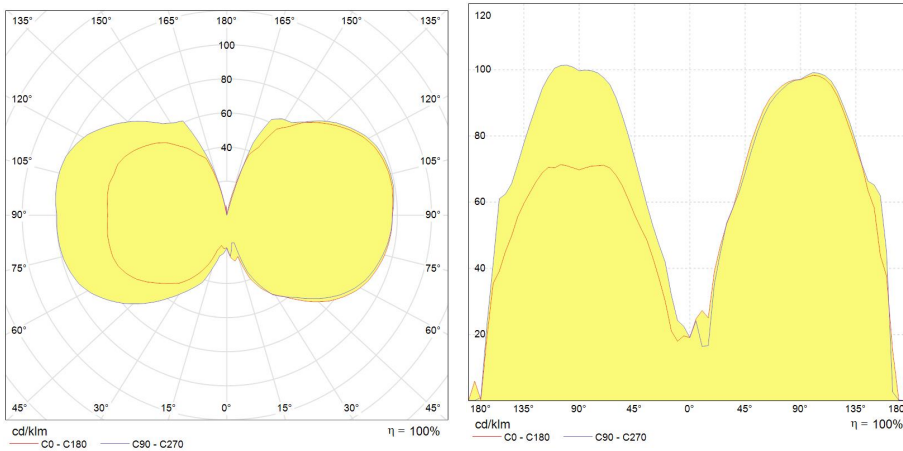
## Electrical data

Rated power [W]	19.8
Lamp Current [A]	0.2
Design Ambient Temperature [°C]	25
Run-up time (sec)	72
Hot restart time (sec)	240
Ballast Required	Yes
Nominal power [W]	20
Nominal lamp voltage [V]	90

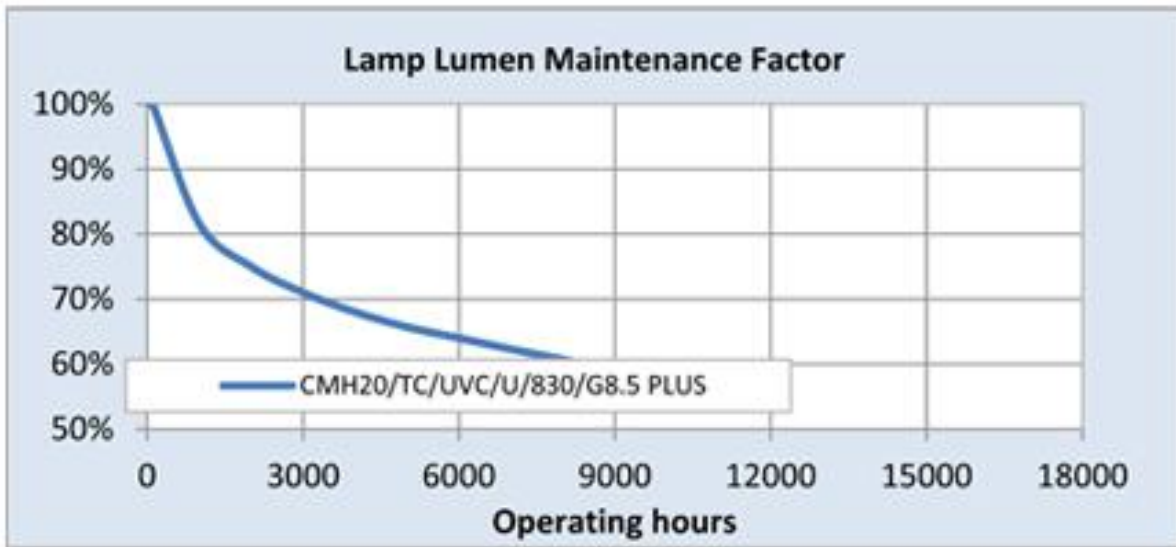
## Logistic data

DUN Code	10043168398586
EAN Code	0043168398589
Pack Quantity	12
Inner pack type	BOX
Layer quantity	396 EUR, 504 UK
Layer quantity EUR	396
Layer quantity UK	504
Pallet quantity EUR (PC)	2772
Pallet quantity UK (PC)	3528
Outer case size	186 x 146 x 140 (mm)
Product status	Available

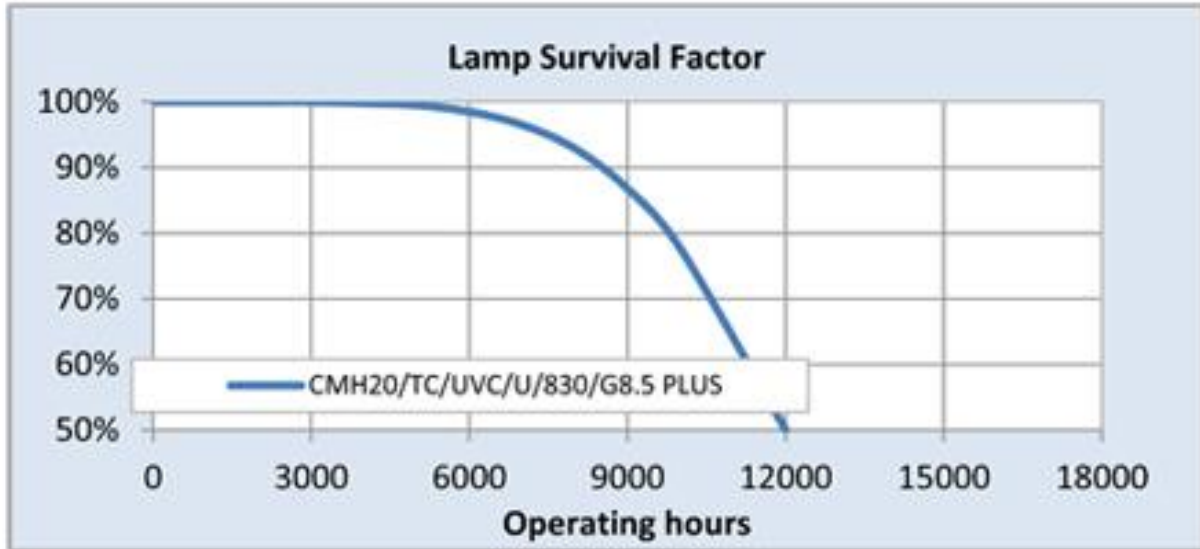
### Photometric Data



### 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 G8.5 Mini Data sheet \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

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[ConstantColor™ CMH G8.5 Mini 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 \(PDF\)](#)