GE Lighting

81 kWh/1000h	A+ energy class	111 lumens/watt

ConstantColor™ CMH Single Ended Mini

CMH70/TC/UVC/U/930/G8.5 PRECISE

67681

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GE Lighting
67681
CMH70/TC/UVC/U/9
30/G8.5 PRECISE

A⁺

- A++
- A+
- A
- B
- C
- D
- E

81 kWh/1000h

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

Product data

Cap/Base	G8.5
Bulb Shape	TC
Bulb Finish	Clear
Bulb Diameter [mm]	14.5
Maximum Overall Length [mm]	85
Light Center Length [mm]	52
Net weight per piece [g]	10
Gross weight per piece [g]	42
Operating position	U - Universal
Mercury Content [mg]	5.4
UV radiance	Exempt
Brand	General Electric (GE)

Performance data

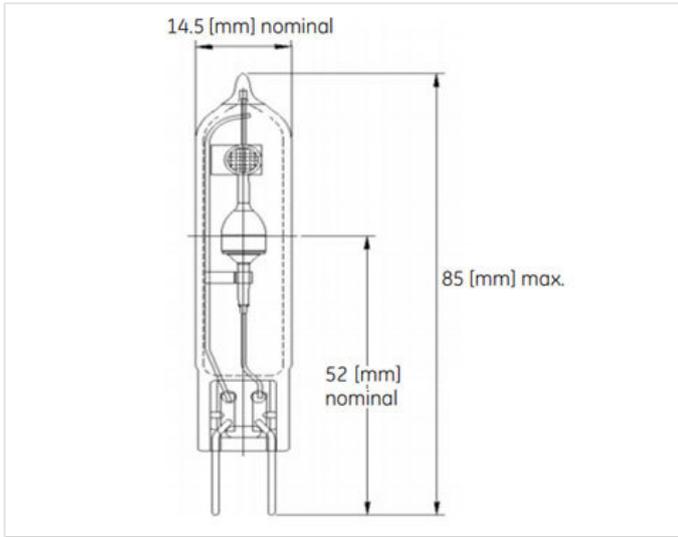|	
Colour Code	930
Colour Rendering Index (CRI) [Ra]	88
Nominal correlated colour temperature (CCT) [K]	3000
Nominal lumens [lm]	7800
Rated Lumens [lm]	7921
Nominal efficacy [LpW]	111
Rated efficacy [LpW]	108.5
Energy efficiency class (EEC)	A+
Rated average life [h]	18000
Nominal chromaticity coordinate X	0.435
Nominal chromaticity coordinate Y	0.397
Weighted energy consumption [kWh/1000h]	80.3

Electrical data

Nominal power [W]	70
Rated power [W]	73.0
Nominal lamp voltage [V]	85
Lamp Current [A]	0.86
Design Ambient Temperature [°C]	25
Run-up time (sec)	< 2
Hot restart time (sec)	< 9
Dimming Capability	No
Ballast Required	Yes

Logistic data

DUN Code	10043168676813
EAN Code	0043168676816
Pack Quantity	12
Inner pack type	BOX
Outer pack type	OUTER BOX
Layer quantity	924 EUR, 1176 UK
Layer quantity EUR	924
Layer quantity UK	1176
Pallet quantity EUR (PC)	2772
Pallet quantity UK (PC)	3528
Outer case size	138 x 82 x 118 (mm)
Product status	Available

Technical drawing

14.5 [mm] nominal

85 [mm] max.

52 [mm] nominal

Spectral distribution

CMH Precise™ 70W 930

Relative Intensity

Wavelength [nm]

Wavelength (nm)

Lumen maintenance data

Lamp Lumen Maintenance Factor

Legend: CMH70/TC/UVC/U/930/G8.5 Precise

X-axis: Operating hours

Survival data

Lamp Survival Factor

Legend: CMH70/TC/UVC/U/930/G8.5 Precise

X-axis: Operating hours

WORLDWIDE PARTNER
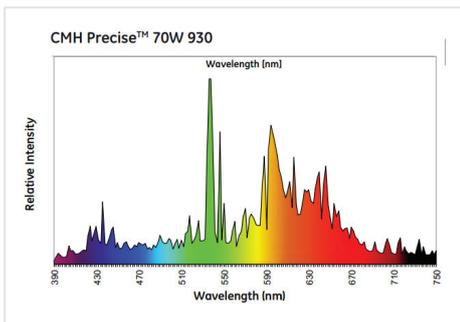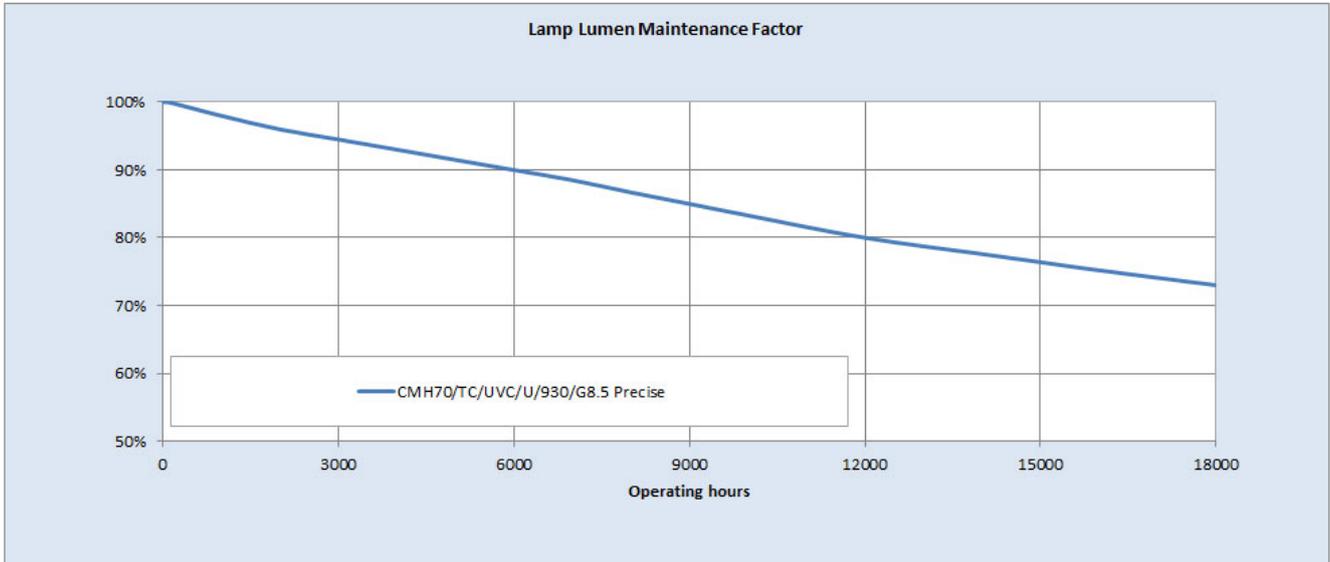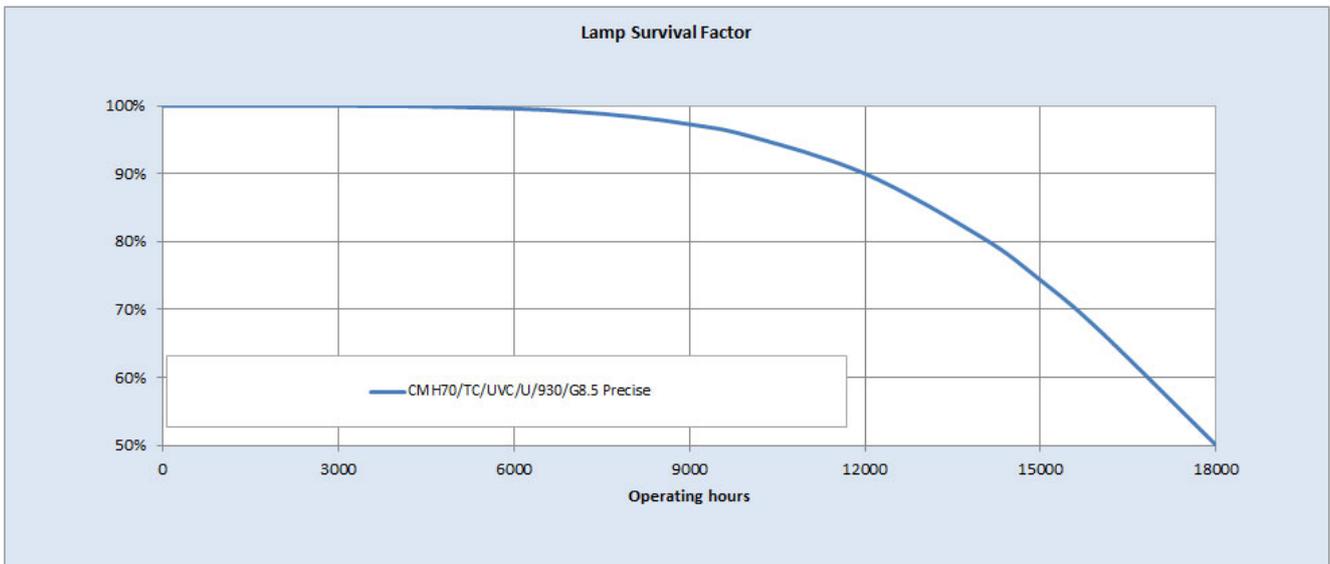
Downloads & Links

Go to the catalog site (HTTP)

HID Lamps Spectrum Catalogue (EN) (PDF)

ConstantColor™ CMH G8.5 and G12 Precise™ Data sheet (PDF)

ConstantColor™ CMH Precise Lamps Brochure (PDF)

ConstantColor™ White Light CMH Brochure (PDF)

ConstantColor™ CMH Ultra Brochure (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)