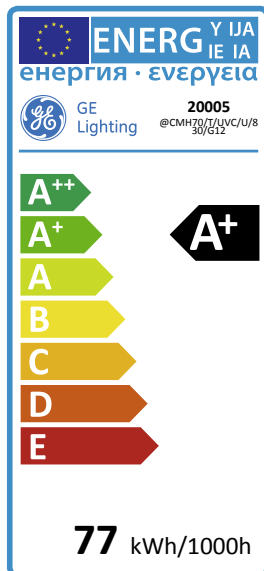# GE Lighting

| 77 kWh/1000h | A+ energy class | 89 lumens/watt |

ConstantColor™ CMH Single Ended
@CMH70/T/UVC/U/830/G12
20005

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

Product data

Cap/Base	G12
Bulb Shape	Tubular
Bulb Finish	Clear
Maximum Overall Length [mm]	90
Light Center Length [mm]	56
Net weight per piece [g]	28
Gross weight per piece [g]	38
Operating position	U - Universal
Mercury Content [mg]	4.05
UV radiance	Exempt
Brand	General Electric (GE)

Performance data

|	
Colour Code	830
Colour Rendering Index (CRI) [Ra]	83
Nominal correlated colour temperature (CCT) [K]	3000
Nominal lumens [lm]	6200
Rated Lumens [lm]	6440
Rated efficacy [LpW]	93
Energy efficiency class (EEC)	A+
Nominal chromaticity coordinate X	0.435
Nominal chromaticity coordinate Y	0.4
Weighted energy consumption [kWh/1000h]	76.48

Electrical data

Nominal power [W]	70
Rated power [W]	69.5
Nominal lamp voltage [V]	90
Lamp Current [A]	1
Design Ambient Temperature [°C]	25
Run-up time (sec)	180
Hot restart time (sec)	900
Ballast Required	Yes

Logistic data

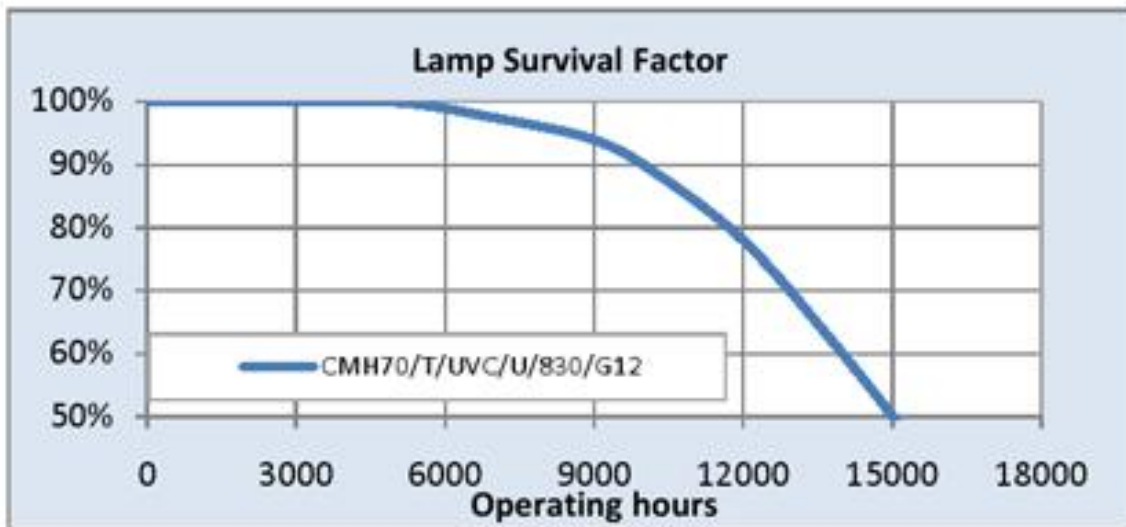|	
DUN Code	20043168200053
EAN Code	43168200059
Pack Quantity	12
Layer quantity	396 EUR, 504 UK
Layer quantity EUR	396
Layer quantity UK	504
Pallet quantity EUR (PC)	2772
Pallet quantity UK (PC)	3528
Outer case size	186 x 146 x 140 (mm)

Photometric Data
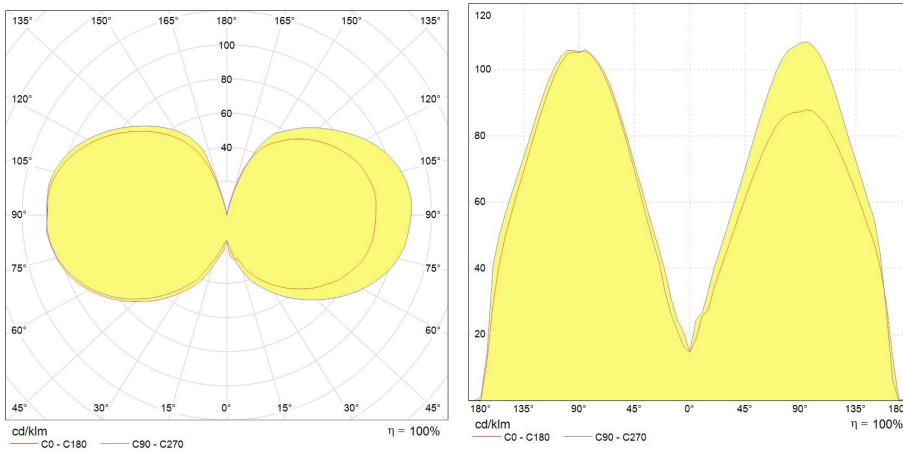
Lumen maintenance data
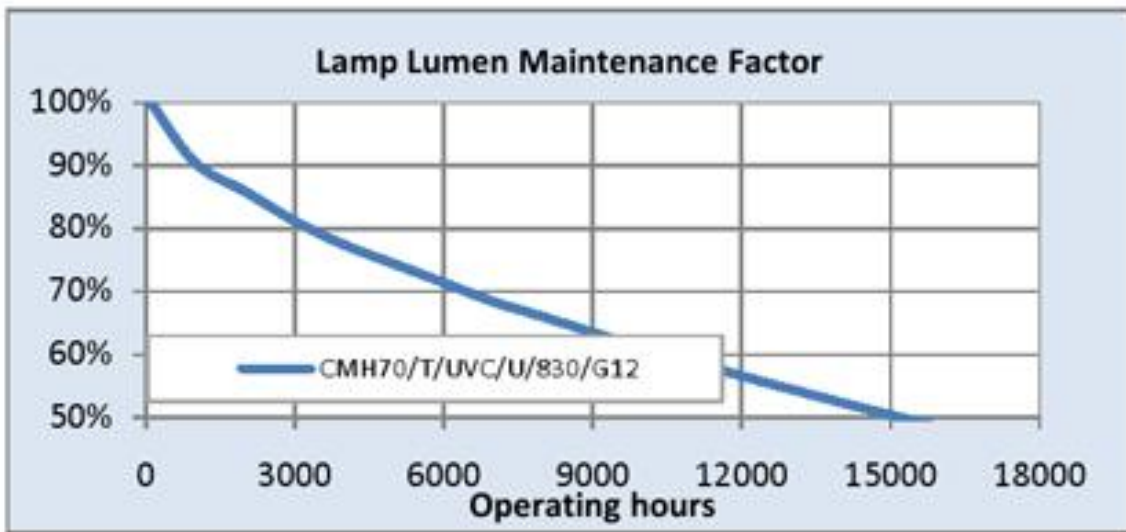
Survival data

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)

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)