

81

kWh/1000h

A+

energy class

90

lumens/watt

ConstantColor™ CMH Single Ended CMH70/T/UVC/U/942/G12 20013

Product information

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. ConstantColor™ CMH Precise™ **technology platform has been developed with specific focus to retail applications. Precise™ technology offers superb overall light quality, outstanding lumen maintenance, improved efficacy, while maintaining long life and reliability. These qualities are why is the leader in ceramic metal halide technology.**

Application areas



Retail



Industrial

Product data

Product Code	20013
Light Center Length [mm]	56
Bulb Shape	Tubular
Bulb Finish	Clear
Maximum Overall Length [mm]	90
Net weight per piece [g]	28
Gross weight per piece [g]	38
Operating position	U - Universal
Mercury Content [mg]	5.45
UV radiance	Exempt
Brand	GE Lighting
Cap/Base	G12

Performance data

Colour Code	942
Rated Lumens [lm]	6520
Weighted energy consumption [kWh/1000h]	80.09
Nominal efficacy [LpW]	88
Rated efficacy [LpW]	89.6
Energy efficiency class (EEC)	A+
Nominal chromaticity coordinate X	0.375
Nominal chromaticity coordinate Y	0.37
Nominal correlated colour temperature (CCT) [K]	4200
Nominal lumens [lm]	6300
Colour Rendering Index (CRI) [Ra]	90

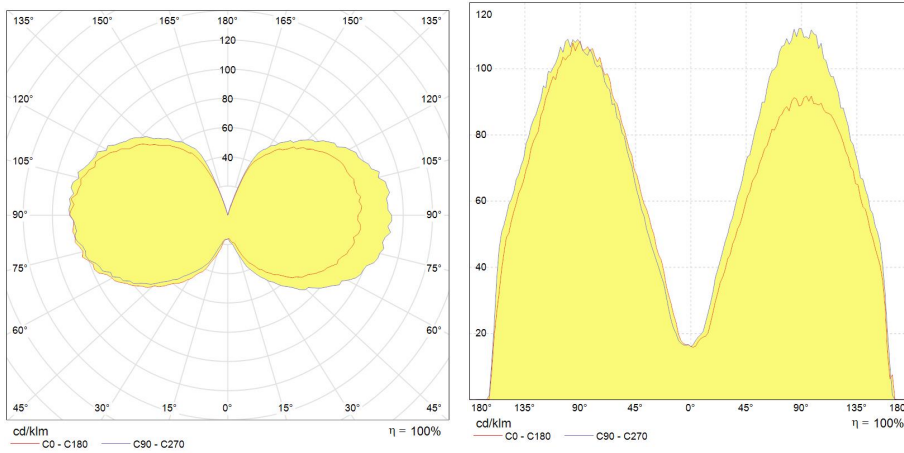
Electrical data

Rated power [W]	72.8
Lamp Current [A]	1
Design Ambient Temperature [°C]	25
Run-up time (sec)	180
Hot restart time (sec)	900
Dimming Capability	No
Ballast Required	Yes
Nominal power [W]	70
Nominal lamp voltage [V]	90

Logistic data

DUN Code	20043168200138
EAN Code	0043168200134
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)
Product status	Phased-out

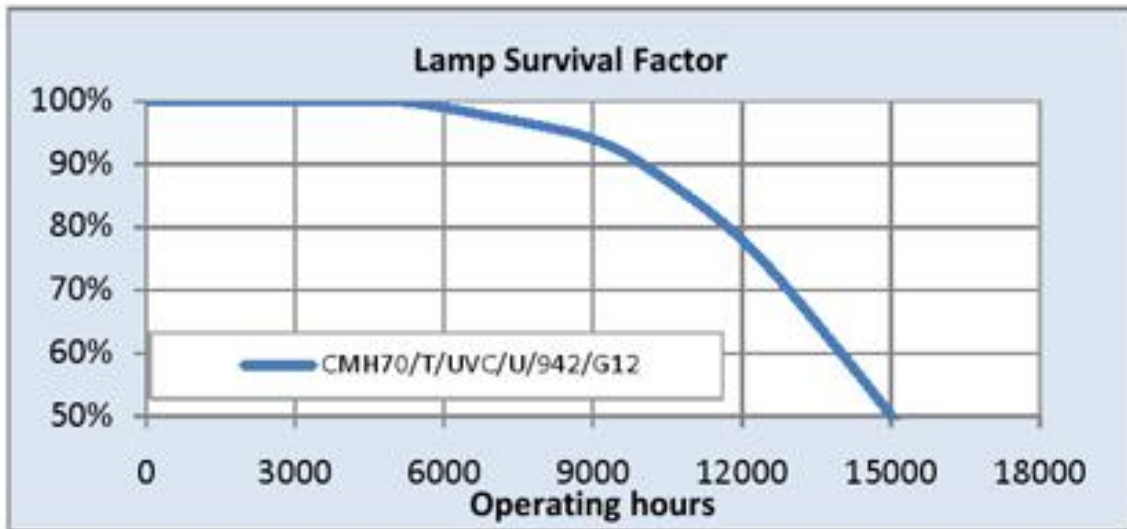
Light distribution



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 \(HTTP\)](#)