



GE
Lighting

45
kWh/1000h

A
energy class

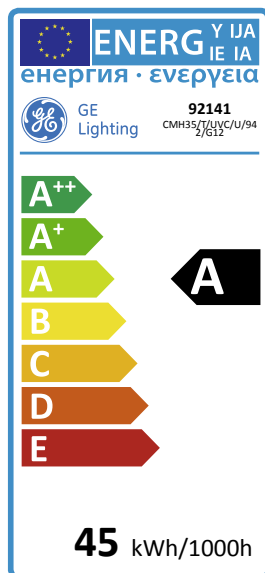
91
lumens/watt



ConstantColor™ CMH Single Ended CMH35/T/UVC/U/942/G12 **92141**

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

Cap/Base	G12
Bulb Shape	Tubular
Bulb Finish	Clear
Maximum Overall Length [mm]	90
Light Center Length [mm]	56
Net weight per piece [g]	23
Gross weight per piece [g]	33
Operating position	U - Universal
Mercury Content [mg]	4.55
UV radiance	Exempt
Brand	General Electric (GE)

Performance data

Colour Code	942
Colour Rendering Index (CRI) [Ra]	88
Nominal correlated colour temperature (CCT) [K]	4200
Nominal lumens [lm]	3200
Rated Lumens [lm]	3490
Nominal efficacy [LpW]	91
Rated efficacy [LpW]	86.1
Energy efficiency class (EEC)	A
Nominal chromaticity coordinate X	0.379
Nominal chromaticity coordinate Y	0.374
Weighted energy consumption [kWh/1000h]	44.57

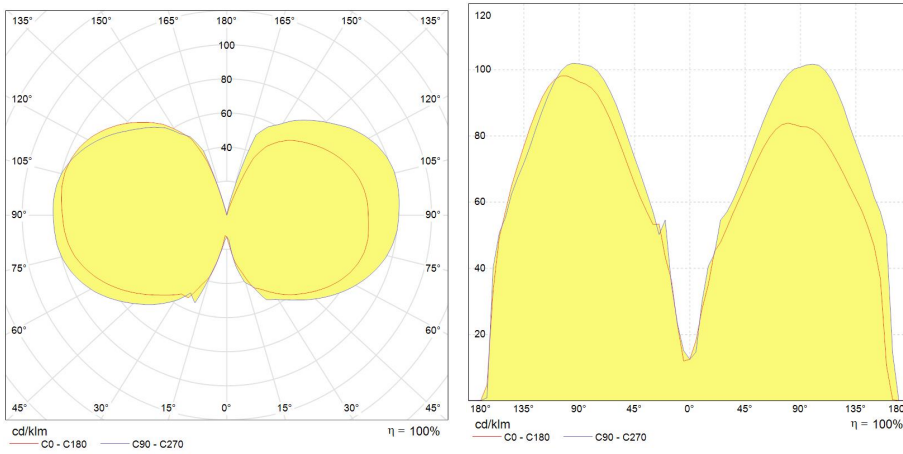
Electrical data

Nominal power [W]	35
Rated power [W]	40.5
Nominal lamp voltage [V]	90
Lamp Current [A]	0.4
Design Ambient Temperature [°C]	25
Run-up time (sec)	120
Hot restart time (sec)	420
Ballast Required	Yes

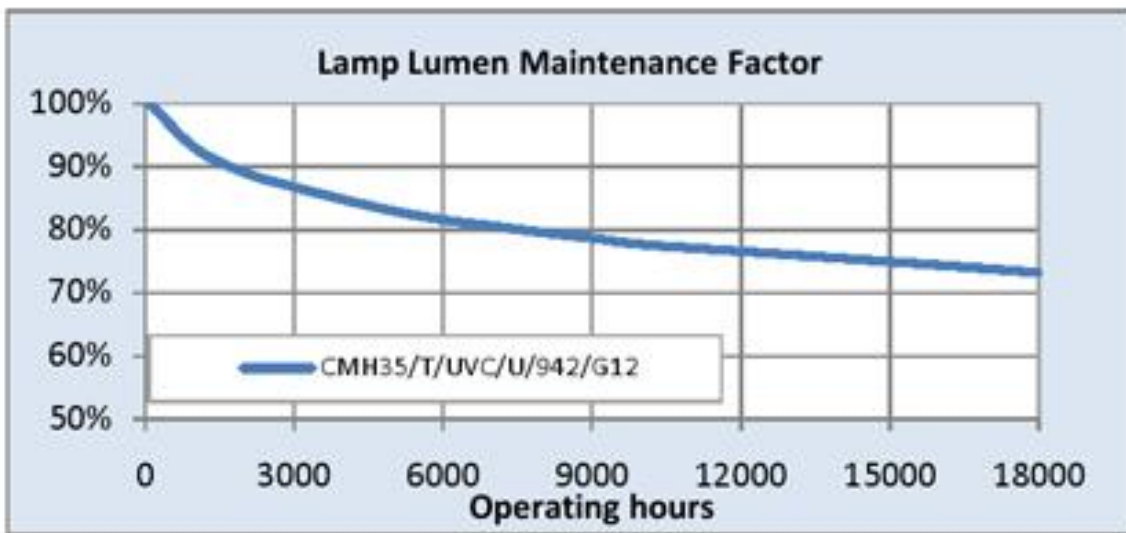
Logistic data

DUN Code	43168921411
EAN Code	43168921411
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)

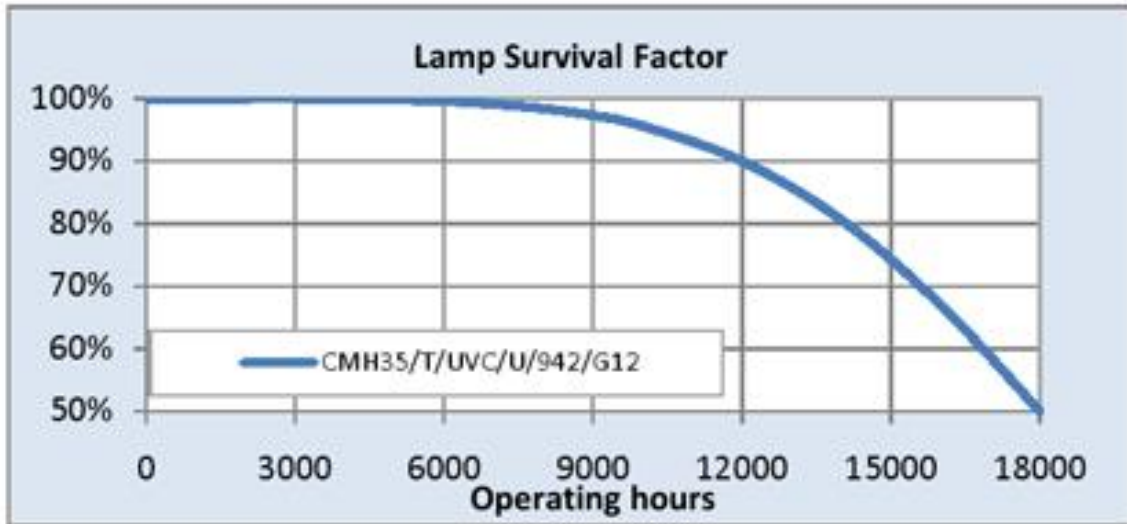
Photometric Data



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 \(PDF\)](#)