



GE  
Lighting



## ConstantColor™ CMH Elliptical Clear CMH150/E/UVC/O/U/942/E27/C 1/6 **43285**

### Product information

**ConstantColor™ CMH lamps** combine the HPS technology (providing stability, efficiency & uniformity) and the Metal Halide Technology (providing bright white quality light) to produce highly efficient light sources with good colour rendering and consistent colour performance through life. This is achieved by using the ceramic arc tube material from the Lucalox™ lamp, which minimises the chemical changes inside the lamp through life. When combined with the halide doses used in Arcstream™ Metal Halide lamps then the quality and stability of the dose maintains the colour consistency.

Metal halide lamps, traditionally made with quartz arc tubes, are prone to colour shift through life and lamp-to-lamp colour variation. Some of the dose, e.g. sodium, (an important component of metal halide lamps), can migrate through quartz to cause colour shift and loss of light through life. The ceramic arc tube resists this material loss, can be manufactured to tighter tolerances and withstands a higher temperature to provide a more constant colour.





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## Product data

Cap/Base	E27
Bulb Shape	Elliptical
Bulb Finish	Clear
Maximum Overall Length [mm]	137
Light Center Length [mm]	86
Net weight per piece [g]	86
Gross weight per piece [g]	95
Operating position	U - Universal
Mercury Content [mg]	9
UV radiance	Exempt
Brand	General Electric (GE)
Energy efficiency class (EEC)	A

## Performance data

Colour Code	942
Colour Rendering Index (CRI) [Ra]	90
Nominal correlated colour temperature (CCT) [K]	4200
Nominal lumens [lm]	13200
Rated Lumens [lm]	12700
Nominal efficacy [LpW]	88
Rated efficacy [LpW]	86
Nominal chromaticity coordinate X	0.373
Nominal chromaticity coordinate Y	0.371
Nominal power [W]	150
Weighted energy consumption [kWh/1000h]	163.27
Nominal lamp voltage [V]	96

## Electrical data

Rated power [W]	148.4
Lamp Current [A]	1.8
Design Ambient Temperature [°C]	25
Run-up time (sec)	180
Hot restart time (sec)	900
Dimming Capability	Yes
Ballast Required	Yes

## Logistic data

DUN Code	10043168432853
EAN Code	0043168432856
Pack Quantity	6
Layer quantity	132 EUR, 174 UK
Layer quantity EUR	132
Layer quantity UK	174
Pallet quantity EUR (PC)	792
Pallet quantity UK (PC)	1044
Outer case size	236 x 166 x 167 (mm)
Product status	Available

## Application areas



Road and tunnel

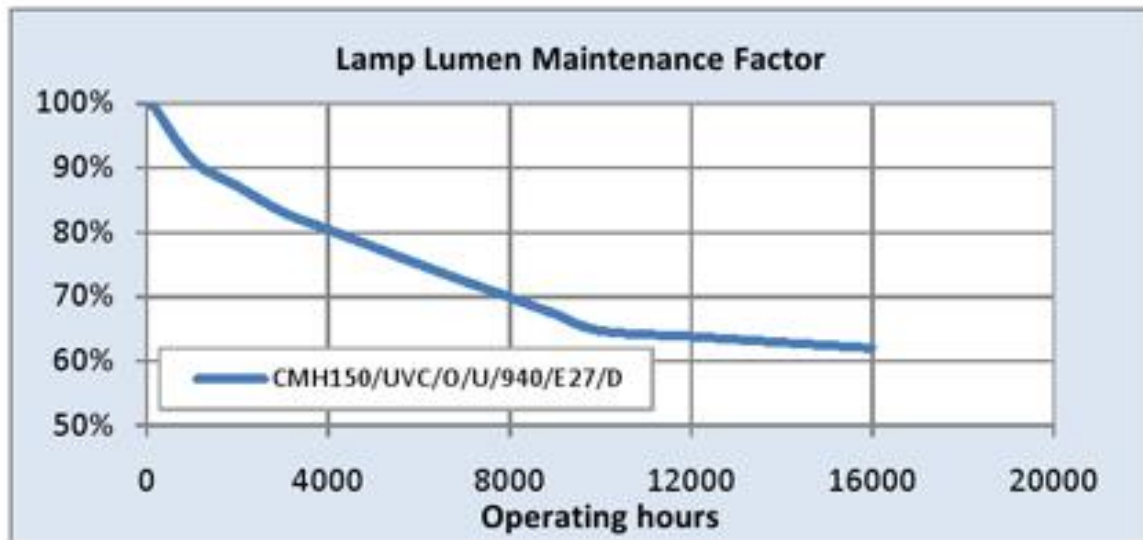


Street and pedestrian

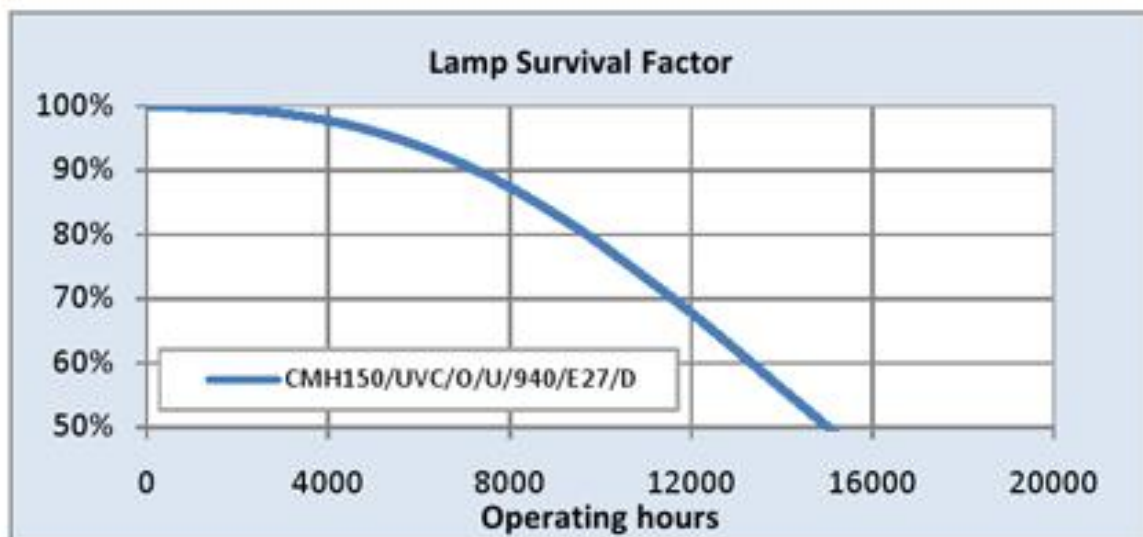


Commercial areas

## Lumen maintenance data



## Survival Data





## Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[HID Lamps Spectrum Catalogue \(EN\) \(PDF\)](#)

[ConstantColor™ CMH Ultra Brochure \(PDF\)](#)

[ConstantColor™ White Light CMH Brochure \(PDF\)](#)

[ConstantColor™ CMH Open Rated Data sheet \(PDF\)](#)

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