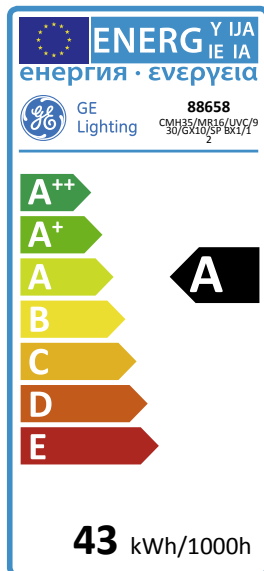




GE
Lighting



43
kWh/1000h

A
energy class

56
lumens/watt

ConstantColor™ CMH MR16 CMH35/MR16/UVC/930/GX10/SP BX1/12 88658

Product information

ConstantColor™ CMH lamps combine HPS technology (providing stability, efficiency & uniformity) and 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.

Application areas



Retail



Industrial



Product data

| | |
|-----------------------------|-----------------------|
| Cap/Base | GX10 |
| Bulb Shape | Mirrored reflector |
| Bulb Finish | Clear |
| Bulb Diameter [mm] | 51 |
| Maximum Overall Length [mm] | 54.5 |
| Net weight per piece [g] | 64 |
| Gross weight per piece [g] | 100 |
| Operating position | U - Universal |
| Mercury Content [mg] | 4.5 |
| UV radiance | Exempt |
| Brand | General Electric (GE) |

Performance data

| | |
|---|-------|
| Colour Code | 930 |
| Colour Rendering Index (CRI) [Ra] | 90 |
| Nominal correlated colour temperature (CCT) [K] | 3000 |
| Nominal beam angle [°] | 12 |
| Rated beam angle [°] | 13 |
| Nominal center beam candlepower (CBCP) [cd] | 16000 |
| Rated peak intensity in [Cd] | 16826 |
| Nominal lumens [lm] | 2200 |
| Rated Lumens [lm] | 2066 |
| Nominal useful lumens [lm] | 2066 |
| Rated useful lumens [lm] | 2066 |
| Nominal efficacy [LpW] | 56 |
| Rated efficacy [LpW] | 53.8 |
| Energy efficiency class (EEC) | A |
| Rated average life [h] | 10000 |
| Nominal chromaticity coordinate X | 0.444 |
| Nominal chromaticity coordinate Y | 0.401 |
| Weighted energy consumption [kWh/1000h] | 42.21 |

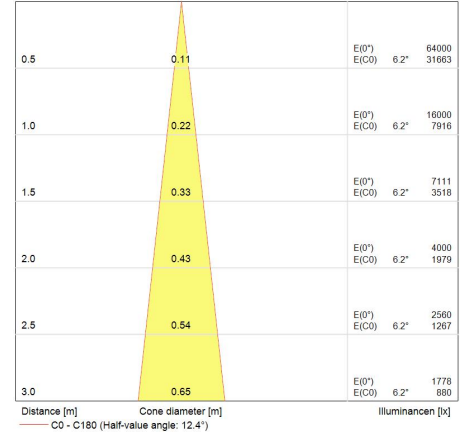
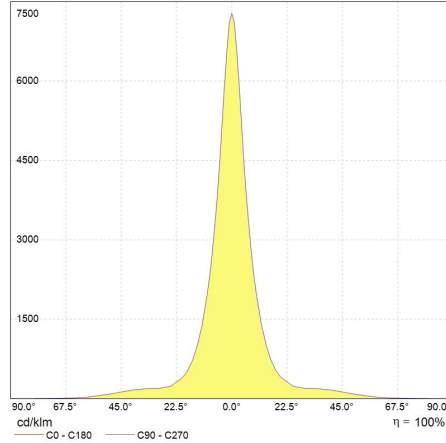
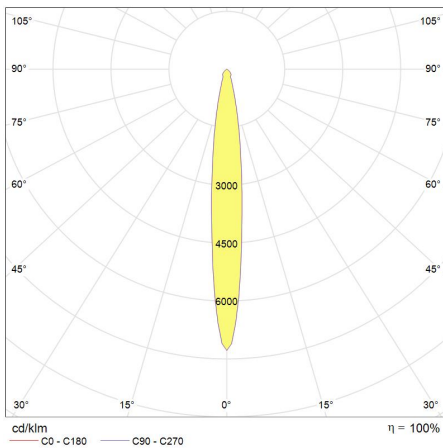
Electrical data

| | |
|---------------------------------|------|
| Nominal power [W] | 39 |
| Rated power [W] | 38.4 |
| Nominal lamp voltage [V] | 90 |
| Lamp Current [A] | 0.4 |
| Design Ambient Temperature [°C] | 25 |
| Run-up time (sec) | 90 |
| Hot restart time (sec) | 390 |
| Dimming Capability | Yes |
| Ballast Required | Yes |

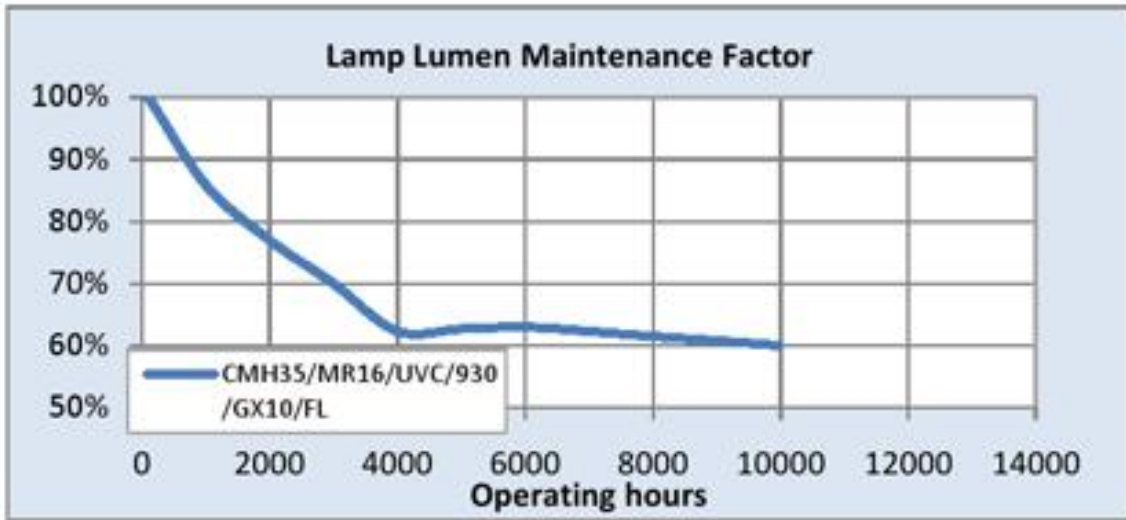
Logistic data

| | |
|--------------------------|---------------------|
| DUN Code | 10043168886588 |
| EAN Code | 0043168886581 |
| Pack Quantity | 12 |
| Inner pack type | BOX |
| Outer pack type | OUTER BOX |
| Layer quantity | 288 EUR, 348 UK |
| Layer quantity EUR | 288 |
| Layer quantity UK | 348 |
| Pallet quantity EUR (PC) | 4032 |
| Pallet quantity UK (PC) | 4872 |
| Outer case size | 226 x 171 x 77 (mm) |
| Product status | Available |

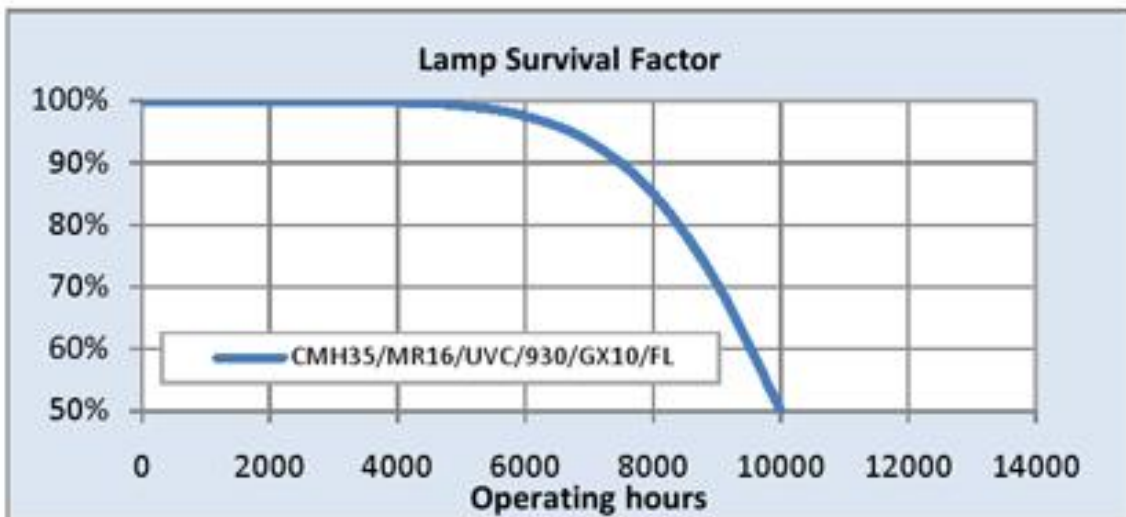
Photometric Data



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 MR16 Data sheet \(PDF\)](#)

[CMH Product Safety 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 \(PDF\)](#)