



CerMH Single Ended CMH35/T/UVC/U/830/G12 PLUS TU 93095371

Product information

Low watt **CerMH 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.

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

Application areas



Retail



Industrial

Product data

Product Code	93095371
Light Center Length [mm]	56
Bulb Shape	Tubular T4.5
Bulb Finish	Clear
Regulatory comment	ECODESIGN Scope 2019/2020 EU
Bulb maximum overall diameter [mm]	15
Maximum Overall Length [mm]	90
Arc Gap	4.65
Net weight per piece [g]	23
Gross weight per piece [g]	33
Operating position	U - Universal
Mercury Content [mg]	4.8
UV radiance	Exempt
RoHS compliant	Yes
Brand	Tungsräm
Cap/Base	G12

Performance data

Colour Code	830
Weighted energy consumption [kWh/1000h]	40.0
Rated useful lumens [lm]	3500
Rated efficacy [lm/W]	88.8
Energy efficiency class (EEC)	G
Rated lumen maintenance factor (2000 hours)	0.786
Rated lumen maintenance factor (4000 hours)	0.716
Rated lumen maintenance factor (6000 hours)	0.682
Rated lumen maintenance factor (8000 hours)	0.55
Rated lumen maintenance factor (12000 hours)	0.55
Rated lumen maintenance factor (16000 hours)	0.483
Rated survival factor (2000 hours)	1
Rated survival factor (4000 hours)	1
Rated survival factor (6000 hours)	0.995
Rated survival factor (12000 hours)	0.85
Rated survival factor (16000 hours)	0.55
Nominal chromaticity coordinate X	0.434
Nominal chromaticity coordinate Y	0.398
Nominal correlated colour temperature (CCT) [K]	3000
Nominal lumens [lm]	3500
Colour Rendering Index (CRI) [Ra]	84

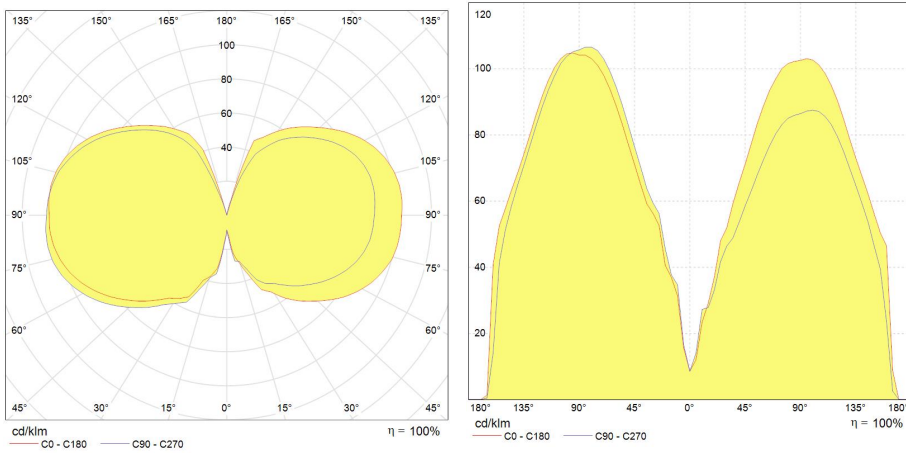
Electrical data

Rated power [W]	39.4
Lamp Current [A]	0.43
Run-up time (sec)	<120
Starting time (sec)	< 2
Hot restart time (sec)	<300
Dimming Capability	No
Ballast Required	Yes
Nominal lamp voltage range [V]	90
Nominal power [W]	35
Nominal lamp voltage [V]	90

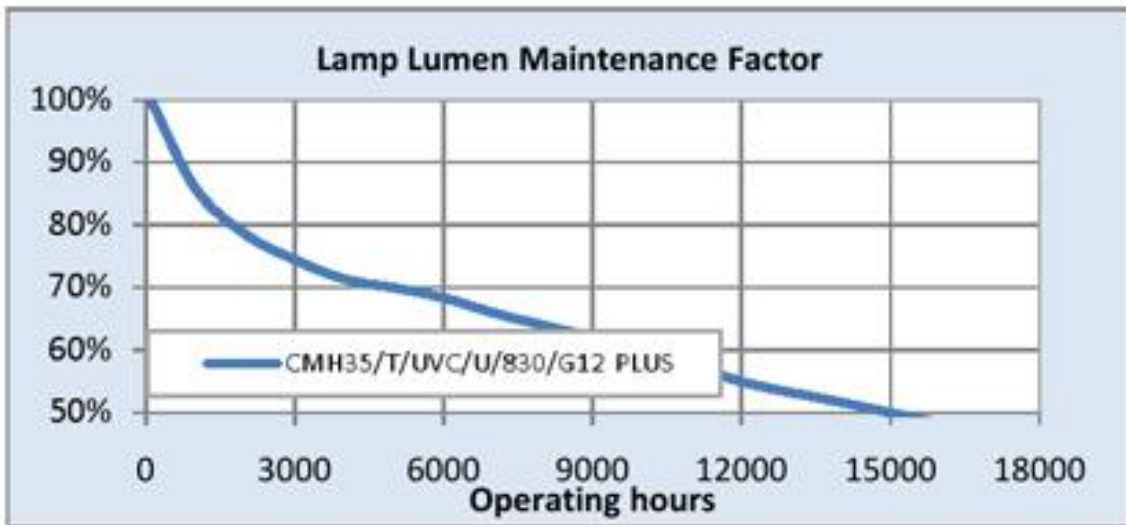
Logistic data

Shipment	Standard
DUN Code	15994100015991
EAN Code	5994100015994
Pack Quantity	12
Inner pack type	BOX
Outer pack type	OUTER BOX
Layer quantity	960 EUR, 1236 UK
Layer quantity EUR	960
Layer quantity UK	1236
Pallet quantity EUR (PC)	8640
Pallet quantity UK (PC)	11124
Outer case size	138 x 82 x 118 (mm)
Product status	Available

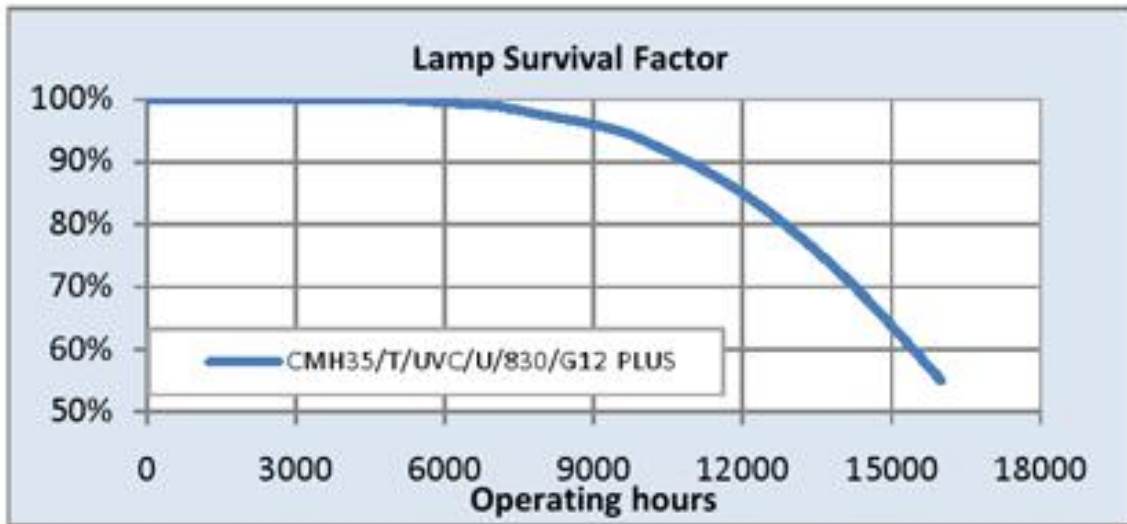
Light distribution



Lumen maintenance data



Survival data



Downloads & Links

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

[Photometry \(IES\)](#)

[Product datasheet \(PDF\)](#)

[Link to EPREL \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[High-res images / Technical drawings \(HTTP\)](#)

