

CerMH Single Ended CMH35/T/UVC/U/942/G12 TU 93095374

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	93095374
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	4.3
Net weight per piece [g]	23
Gross weight per piece [g]	33
Operating position	U - Universal
Mercury Content [mg]	4.7
UV radiance	Exempt
RoHS compliant	Yes
Brand	Tungsräm
Cap/Base	G12

Performance data

Colour Code	942
Weighted energy consumption [kWh/1000h]	41.0
Rated useful lumens [lm]	3500
Rated efficacy [lm/W]	86.4
Energy efficiency class (EEC)	G
Rated lumen maintenance factor (2000 hours)	0.891
Rated lumen maintenance factor (4000 hours)	0.848
Rated lumen maintenance factor (6000 hours)	0.816
Rated lumen maintenance factor (8000 hours)	0.766
Rated lumen maintenance factor (12000 hours)	0.766
Rated lumen maintenance factor (16000 hours)	0.744
Rated lumen maintenance factor (20000 hours)	0.732
Rated survival factor (2000 hours)	1
Rated survival factor (4000 hours)	0.999
Rated survival factor (6000 hours)	0.996
Rated survival factor (12000 hours)	0.9
Rated survival factor (16000 hours)	0.67
Nominal chromaticity coordinate X	0.371
Nominal chromaticity coordinate Y	0.366
Nominal correlated colour temperature (CCT) [K]	4200
Nominal lumens [lm]	3500
Colour Rendering Index (CRI) [Ra]	88

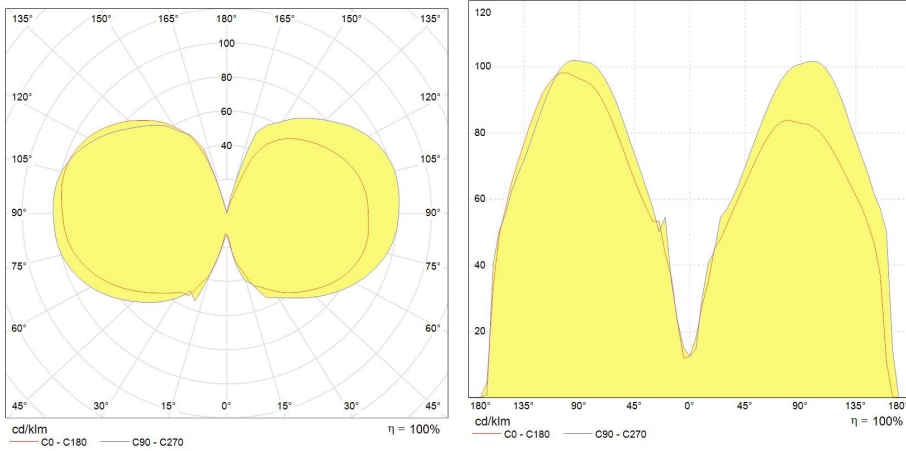
Electrical data

Rated power [W]	40.5
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

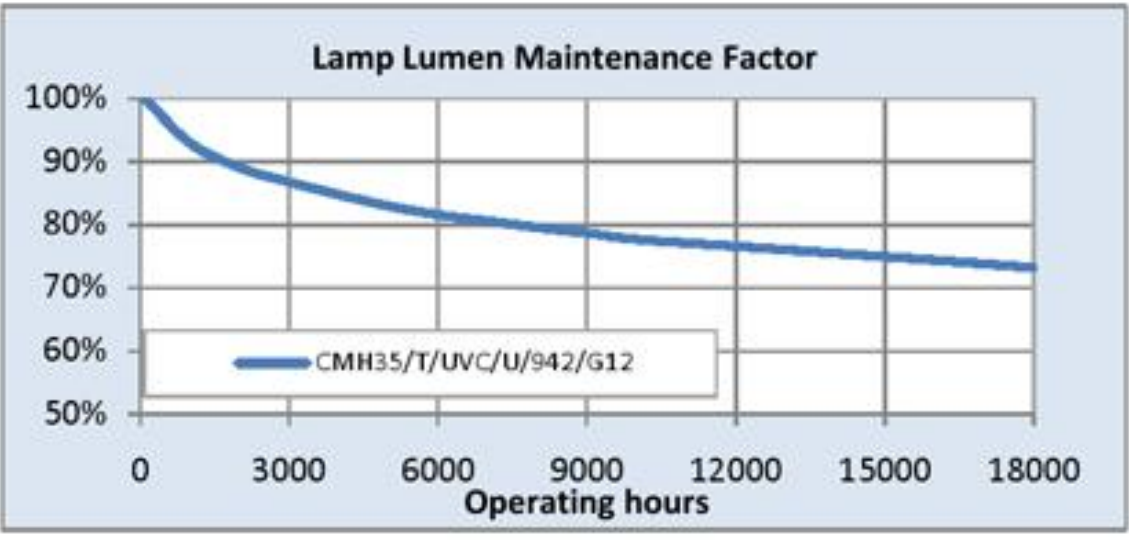
Logistic data

Shipment	Standard
DUN Code	15994100016028
EAN Code	5994100016021
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)
Product status	Available

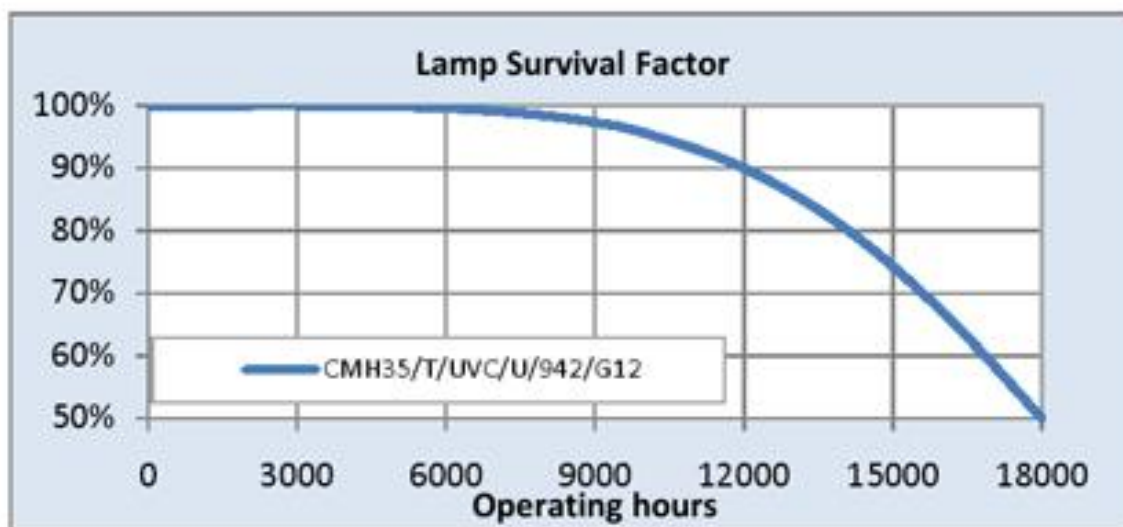
Light distribution



Lumen maintenance data



Survival data



Downloads & Links

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

[Photometry \(IES\)](#)

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

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

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