TUNGSRAM™

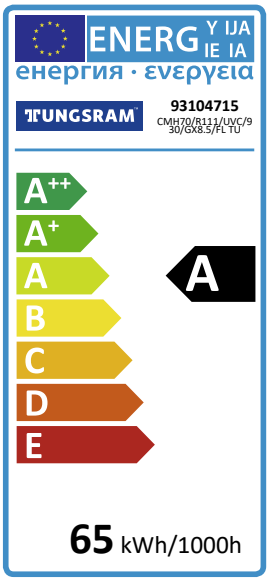
Innovation is our heritage
EST. 1896

65	A	56
kWh/1000h	energy class	lumens/watt

ConstantColor™ CMH AR111

CMH70/R111/UVC/930/GX8.5/FL TU

93104715



Product information

GE's **CMH-AR111** are an ideal choice for energy-efficient accent and display lighting. The decorative design provides excellent beam control with low glare and superb overall light quality. It is now possible to achieve lighting designs with much lower thermal output than tungsten halogen lamps of similar light output. Now, anyone with critical colour needs can enjoy the excellent savings that CMH-AR111 lamps provide. CMH-AR111 lamps offer substantial benefits that make them the clear choice for specification into new stores, or re-lamping existing store fixtures.

Application areas

Retail

Industrial

TUNGSRAM

ConstantColor™ CMH AR111

CMH70/R111/UVC/930/GX8.5/FL TU

93104715

Product data

Product Code	93104715
Bulb Shape	Reflector
Bulb Finish	Clear
Bulb Diameter [mm]	111
Maximum Overall Length [mm]	95
Net weight per piece [g]	79
Gross weight per piece [g]	129
Operating position	U (ECG) / V60 (EM)
Mercury Content [mg]	4.9
Brand	Tungsram
Cap/Base	GX8.5

Performance data

Nominal/ Rated Beam Angle [°]	24
Nominal/ Rated Beam Angle (°)	20.81
Nominal center beam candlepower (CBCP) [cd]	18000
Rated peak intensity in [Cd]	18000
Rated Lumens [lm]	3636
Weighted energy consumption [kWh/1000h]	64.24
Useful lumens (at 90° cone) [lm]	3636
Nominal efficacy [LpW]	56
Rated efficacy [LpW]	49.8
Energy efficiency class (EEC)	A
Rated average life [h]	12000
Nominal chromaticity coordinate X	0.431
Nominal chromaticity coordinate Y	0.4
Nominal correlated colour temperature (CCT) [K]]	3000
Nominal lumens [lm]	3900
Colour Rendering Index (CRI) [Ra]	88

TUNGSRAM

ConstantColor™ CMH AR111

CMH70/R111/UVC/930/GX8.5/FL TU

93104715

Electrical data

Rated power [W]	73.0
Lamp Current [A]	1
Run-up time (sec)	<150
Hot restart time (sec)	<900
Dimming Capability	No
Nominal power [W]	70
Nominal lamp voltage [V]	95

Logistic data

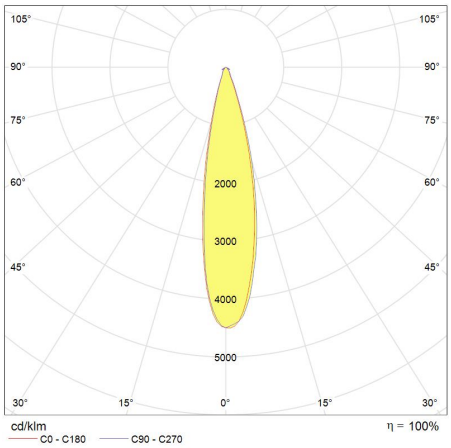
DUN Code	15994100019814
EAN Code	5994100019817
Pack Quantity	6
Inner pack type	BOX
Outer pack type	OUTER BOX
Layer quantity	96 EUR, 120 UK
Layer quantity EUR	96
Layer quantity UK	120
Pallet quantity EUR (PC)	864
Pallet quantity UK (PC)	1080
Outer case size	293 x 198 x 115 (mm)
Product status	Available

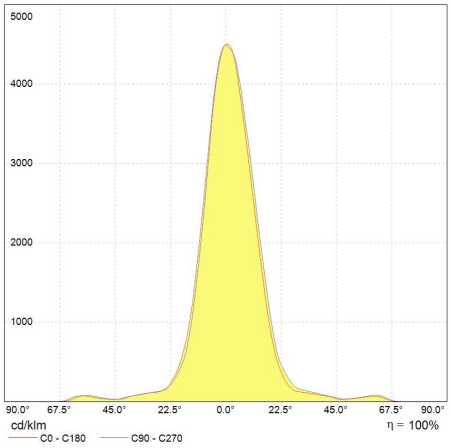
ConstantColor™ CMH AR111

CMH70/R111/UVC/930/GX8.5/FL TU

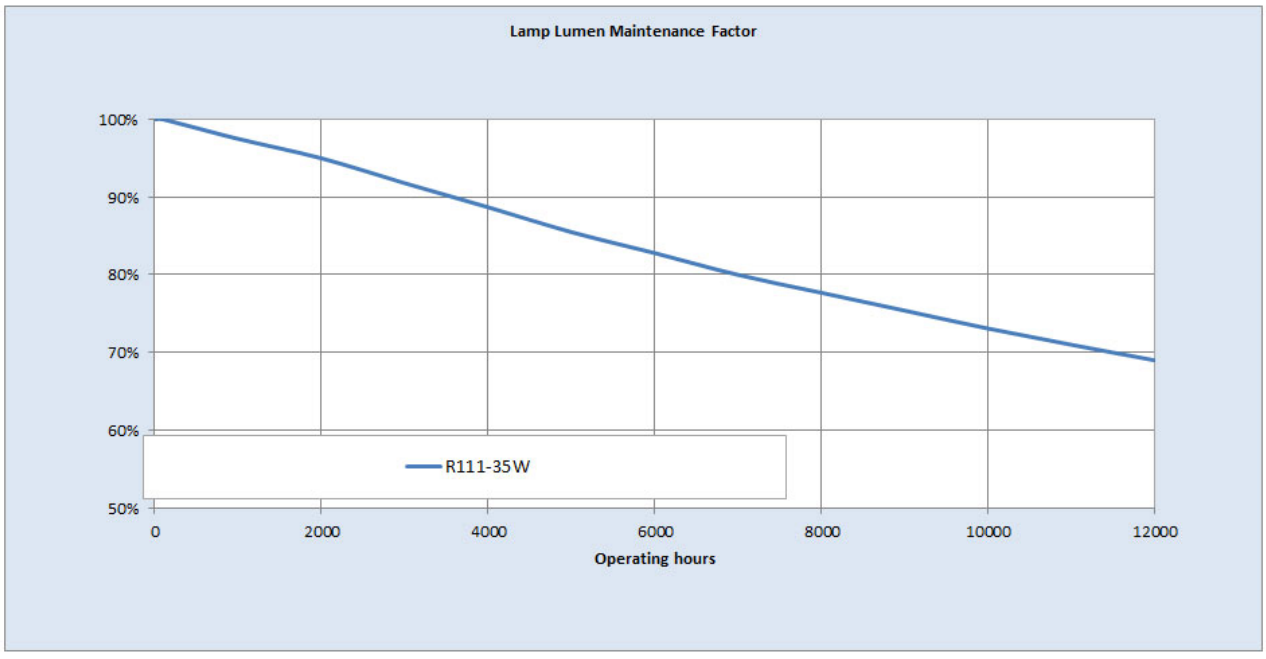
93104715

Light distribution

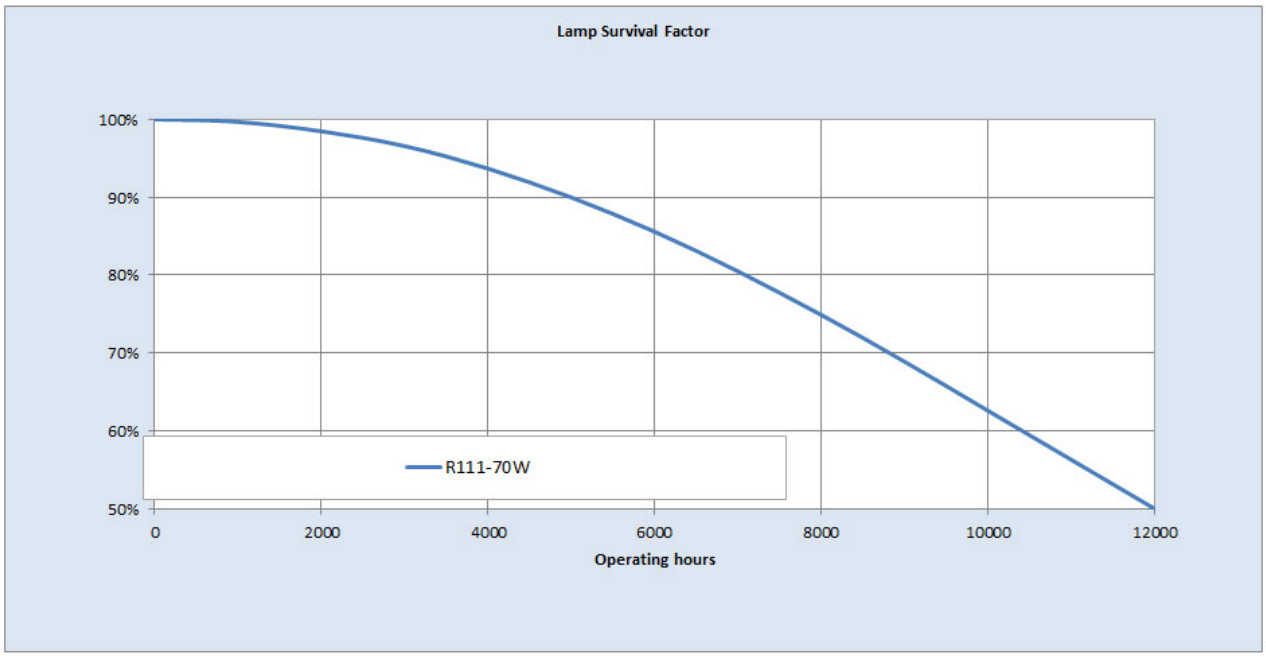




Lumen maintenance data



Survival data



Downloads & Links

Go to the catalog site (HTTP)

Photometry (IES)

Product datasheet (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)

Tungsram is a registered trademark of Tungsram Operations Kft.

tungsram.com

We in Tungsram Operations Kft. are constantly developing and improving our products. For this reason, all product descriptions in this catalogue are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, Tungsram cannot accept any liability arising from the reliance on such data to the extent permitted by law.