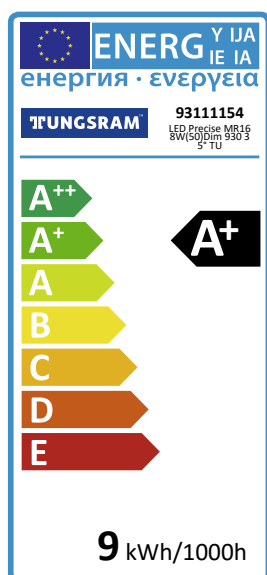


TUNGSRAM™

Innovation is our heritage
EST. 1896



9
kWh/1000h

A+
energy class

78
lumens/watt

MR16 Precise™ Dimmable

LED Precise MR16 8W(50)Dim 930 35°
TU

93111154

Product information

Tungsrām's newest LED technology surpasses current market expectations for MR16 performance and outlook. Superior colour consistency under 4 steps standard deviation of colour maintenance, combined with superlative lumen output all packaged in a visually aesthetic COB design with flat front face glass housing which provides a lighting performance of rare quality and ensures 100% replacement for Halogen lamps in all existing fittings.

Application areas



Retail



Hospitality



Home

Product data

Product Code	93111154
Bulb Finish	White
Bulb maximum overall diameter [mm]	50
Nominal Length [mm]	45.5
Net weight per piece [g]	42
RoHS compliant	Yes
Brand	Tungsram
Cap/Base	GU5.3

Performance data

Nominal/ Rated Beam Angle [°]	35
Rated peak intensity in [Cd]	1000
Weighted energy consumption [kWh/1000h]	8.8
Rated efficacy [lm/W]	77.6
Energy efficiency class (EEC)	A+
Rated life L70/B50 [h]	25000
Nominal correlated colour temperature (CCT) [K]	3000
Nominal lumens [lm]	621
Colour Rendering Index (CRI) [Ra]	90

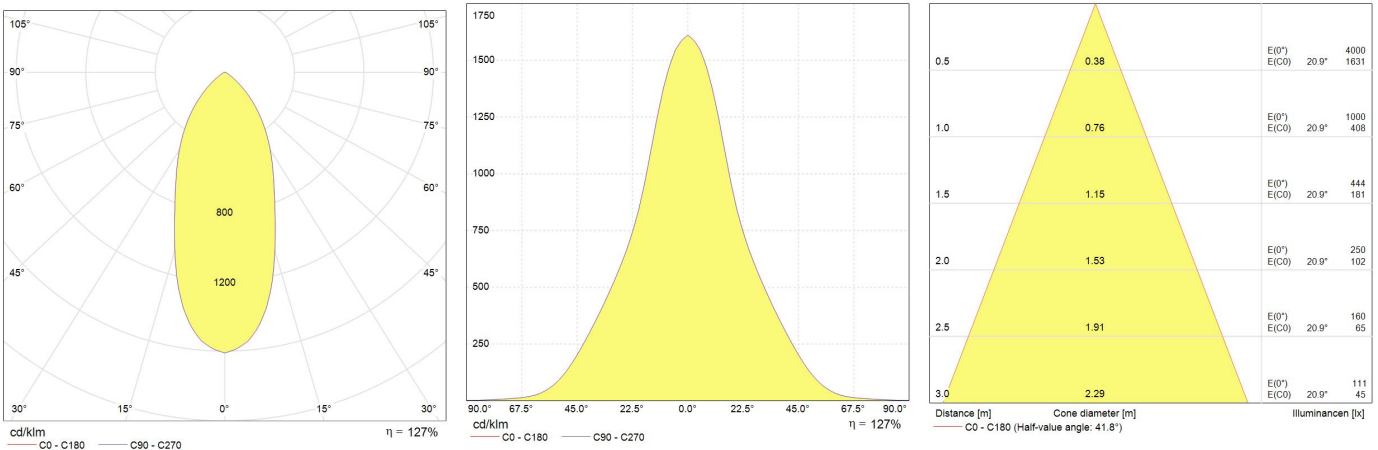
Electrical data

Nominal lamp power factor...	>0.9
Operating Temperature (MIN) [°C]	-20°C
Operating Temperature (MAX) [°C]	+40°C
Starting time (sec)	<0.5 s
Warm up time up to 60% of full light output	Instant on
Number of switching cycles	50000
Dimming Capability	Yes
Nominal power [W]	8
Nominal lamp voltage [V]	12

Logistic data

Shipment	Standard
DUN Code	05994100028505
EAN Code	15994100028502
Pack Quantity	8
Product status	Available

Light distribution



Downloads & Links

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

[Photometry \(IES\)](#)

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

[Datasheets \(PDF\)](#)

[Images \(HTTP\)](#)

[DoC Document \(PDF\)](#)

[Dimming compatibility \(PDF\)](#)