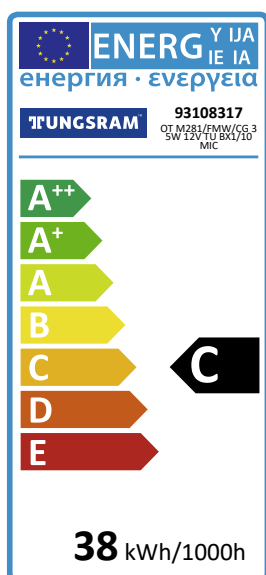


TUNGSRAM™

Innovation is our heritage
EST. 1896



38
kWh/1000h

C
energy class

14
lumens/watt

MR16 Precise™ Bright 5000 - Closed

OT M281/FMW/CG 35W 12V TU BX1/10
MIC

93108317

Product information

Precise™ Bright 5000 MR16 offers outstanding life, outstanding light output and beam quality. Its advanced, computer designed reflector gives a smooth beam and outstanding light output compared to similar lamps.

Application areas



Hospitality



Home



Product data

Product Code	93108317
Bulb Shape	Mirrored reflector
Bulb Diameter [mm]	50
Maximum Overall Length [mm]	46
Net weight per piece [g]	14
Gross weight per piece [g]	26
Brand	Tungsräm
Cap/Base	GU5.3

Performance data

Nominal/ Rated Beam Angle [°]	36
Nominal/ Rated Beam Angle (°)	36
Nominal center beam candlepower (CBCP) [cd]	450
Rated peak intensity in [Cd]	450
Rated Lumens [lm]	430
Weighted energy consumption [kWh/1000h]	37.1
Useful lumens (at 90° cone) [lm]	430
Energy efficiency class (EEC)	C
Lamp Lumen Maintenance factor (2000 hours)	80%
Rated Life [h]	5000
Nominal Lifetime [h]	5000
Nominal correlated colour temperature (CCT) [K]	2800
Nominal lumens [lm]	500
Colour Rendering Index (CRI) [Ra]	100

Electrical data

Nominal lamp power factor...	1
Rated power [W]	35.0
Starting time (sec)	0.0 s
Warm up time up to 60% of full light output	instant
Number of switching cycles	20000
Coil type	C-6
Dimming Capability	Yes
Nominal power [W]	35.0
Nominal lamp voltage [V]	12

Logistic data

DUN Code	15994100022784
EAN Code	5994100022787
Pack Quantity	10
Inner pack type	Box
Outer pack type	OB
Layer quantity EUR	320
Layer quantity UK	320
Pallet quantity EUR (PC)	4800
Pallet quantity UK (PC)	4800
Outer case size	100x250x60 (mm)
Product status	Available

Downloads & Links

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

[Halogen Lamps Spectrum Catalogue \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[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 \(PDF\)](#)