



**22**  
kWh/1000h

**C**  
energy class

**19**  
lumens/watt

## Low voltage capsule - Axial Filament

OT M47/H/E 20W 12V G4 GE HFBL 2/20  
TRAY

**88304**

## Product information

These lamps are made from a quartz material which blocks virtually all UV-B and UV-C radiation. With a transmission cut-off wavelength of between 350 and 400 nm, it is ideal for lamps requiring maximum visible transmittance with nearly complete UV protection.

The lamps use doped quartz which is an effective barrier to potentially harmful ultra-violet radiation while maintaining the other high quality properties of standard clear fused quartz. The axial filament types have been specifically developed to satisfy the demand for a wide smooth beam with a good cut-off, from a miniature linear reflector, for the uniform lighting of vertical surfaces, for table lamps for task lighting, or for wall mounted or portable uplighters. With all wattages having the axial filament at the same light centre, one luminaire design may cover a range of illuminances for a variety of residential and commercial requirements. When used in spot reflectors these

lamps may also be more efficient alternatives to transverse filament types, because a substantial portion of the filament will always be in the focal point.

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### Application areas



Hospitality



Home

### Product data

Product Code	88304
Bulb Shape	Tubular
Bulb Diameter [mm]	8
Maximum Overall Length [mm]	33
Net weight per piece [g]	1
Gross weight per piece [g]	12
Brand	GE Lighting
Cap/Base	G4

### Performance data

Rated Lumens [lm]	380
Weighted energy consumption [kWh/1000h]	21.2
Rated efficacy [lm/W]	19
Energy efficiency class (EEC)	C
Lamp Lumen Maintenance factor (2000 hours)	80%
Rated Life [h]	2000
Nominal correlated colour temperature (CCT) [K]	2900
Nominal lumens [lm]	380
Colour Rendering Index (CRI) [Ra]	100

### Electrical data

Rated power [W]	20.0
Starting time (sec)	0.0 s
Warm up time up to 60% of full light output	instant
Number of switching cycles	8000
Coil type	C-8
Dimming Capability	Yes
Nominal power [W]	20
Nominal lamp voltage [V]	12

### Logistic data

DUN Code	10043168883044
EAN Code	0043168883047
Pack Quantity	20
Inner pack type	BLISTER
Outer pack type	OUTER BOX
Layer quantity	1500 EUR, 1820 UK
Layer quantity EUR	1500
Layer quantity UK	1820
Pallet quantity EUR (PC)	12000
Pallet quantity UK (PC)	14560
Outer case size	158 x 76 x 126 (mm)
Product status	Phased-out

## 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 \(PDF\)](#)