

## 64628 100 W 12 V

Halogen (< 75 V) Single End | OSRAM single end low voltage halogen lamps provide high quality light to meet the high demands of the medical and scientific markets



### Areas of application

- Microscopy
- Laboratory & Analysis
- UV Curing
- Fiber Illumination
- Surgical & Dental Overhead

### Product features and benefits

- Precise filament alignment with patented quartz pinch technology
- OSRAM HLX lamps provide 10% higher luminous efficacy over standard halogen
- Instant on and nearly constant luminous flux over the life of the lamp
- Dimmable



Technical data

General Product Information

Product number (Americas)	54276
Product name (Americas)	FDT 64628 100W 12V 12/CS 1/SKU
ANSI code	FDT
LIF code	A1/261
Global order reference	64628

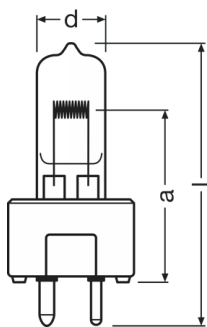
Electrical Data

Nominal wattage	100 W
Nominal voltage	12.0 V
Type of current	AC

Photometric Data

Nominal luminous flux	3420 lm
Illuminated field	4.2*2.3 mm²
Color temperature	3500 K
Color rendering index Ra	100
Light center length (LCL)	27.0 mm
Light center length (LCL) - (in)	1.053 in

Physical Attributes & Dimensions



Lamp base	GY9.5
Diameter	13.0 mm
Diameter (in)	0.472 in
Diameter	13.0 mm
Length	57.0 mm
Product weight	6.92 g

Product datasheet

Operating Conditions

Burning position	s90
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Lifetime Data

Nominal lifetime	50 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321099549
Declaration no. in SCIP database	No declarable substances contained
Candidate list substance 1	No declarable substances contained

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4008321099549	OSRH64628	-	-	-
4008321099549	OSRH64628	-	-	-

# Product datasheet

## Safety advice

To prevent personal injury or damage to property, halogen lamps may only be operated in suitable luminaires designed with suitable mechanisms (protective shields, grids, etc.) to ensure that in the event of a lamp bursting no parts/shards can escape and that during operation no ultraviolet radiation can escape. There must also be a warning sign to indicate that the lamps give off high levels of heat. Detailed information is available on request.

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321099549	64628 100 W 12 V	Folding carton box 1	42 mm x 42 mm x 111 mm	0.20 dm <sup>3</sup>	22.00 g
4008321099556	64628 100 W 12 V	Shipping carton box 12	180 mm x 140 mm x 127 mm	3.20 dm <sup>3</sup>	365.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.