

## 93638 150 W 21 V

Halogen (< 75 V) with Reflector | OSRAM reflector low voltage halogen lamps provide precision optical alignment for medical and industrial fiber optic illuminators, microscopy, and surgical overhead lighting



### 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

Global order reference	93638
Product number (Americas)	54842
Product name (Americas)	EKE 93638 150W 21V 24/CS 1/SKU
Lamp type	MR16
ANSI code	EKE
LIF code	-

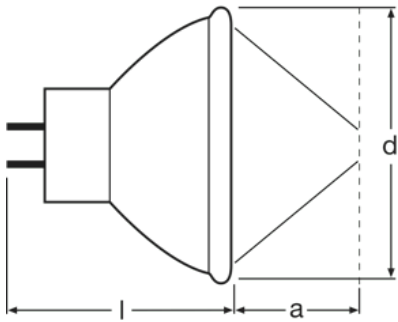
Electrical Data

Nominal wattage	150 W
Nominal voltage	21.0 V
Type of current	AC

Photometric Data

Nominal luminous flux	160 lm
Color temperature	3300 K
Color rendering index Ra	100
Focal length	44.5 mm

Physical Attributes & Dimensions



Lamp base	GX5.3
Diameter	51.0 mm
Diameter (in)	2.008 in
Diameter	51.0 mm
Length	44.8 mm
Coating	Dichroic
Product weight	29.20 g

Product datasheet

Operating Conditions

Burning position	s90
Cooling	Forced
Minimum diameter of lamp enclosure	51.0 mm

Lifetime Data

Nominal lifetime	200 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300456843
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
4050300456843	OSRH93638	-	-	-

# 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
4050300456843	93638 150 W 21 V	Folding carton box 1	44 mm x 44 mm x 54 mm	0.13 dm <sup>3</sup>	38.27 g
4050300456850	93638 150 W 21 V	Shipping carton box 24	200 mm x 137 mm x 155 mm	4.25 dm <sup>3</sup>	985.67 g
4052899573260	93638 150 W 21 V	Shipping carton box 24	198 mm x 152 mm x 140 mm	4.21 dm <sup>3</sup>	1017.00 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.