

64680 500 W 230 V

Halogen studio lamps, single-ended



Areas of application

- Professional film and TV work
- Theater and concert stages
- Entertainment

Product family features

- Operation at mains voltage: 120 V | 230 V | 240 V
- Color temperature: 3,000 K (with longer lifespan)
- Color temperature: 3,200 K (for professional film and TV work)



Technical data

Product information

Order reference	64680 A1244 500
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Electrical data

Nominal wattage	50000 W
Nominal voltage	230 V
On-mode power	545.00 W
Energy consumption in on-mode	545.0 kWh/1000h

Photometrical data

Color rendering index Ra	100
Φ_{use} value refers to luminous flux ..	360
Correlated color temperature CCT	3231 K
Useful luminous flux (Φ_{use})	12725 lm
Chromaticity coordinate x	0.422
Chromaticity coordinate y	0.398

Dimensions & weight



Diameter	220 mm
Length	749 mm
Light center length (LCL)	36.5 mm
Illuminated field	10.0*10.0 mm ^{2 1)}
Filament diameter	10.0 mm

¹⁾ With monoplane filament

Lifespan

Lifespan	50 h
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Product datasheet

Additional product data

Base (standard designation)	GY9.5
Lighting technology used	HL

Capabilities

Burning position	Any
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Certificates & standards

Energy efficiency class	G
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Country specific categorizations

ANSI code	Other
LIF	A1/244
Order reference	64680 A1244 500

Logistical data

EAN 10 of contained light source	4008321098573
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	22-04-2024
Primary Article Identifier	4008321098573
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4008321098573	OSRH64680	-	4739740	-
4008321098573	OSRH64680	-	4739740	-

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
4008321098573	64680 500 W 230 V	Folding carton box 1	42 mm x 42 mm x 111 mm	0.20 dm ³	31.00 g
4008321098580	64680 500 W 230 V	Shipping carton box 12	180 mm x 140 mm x 127 mm	3.20 dm ³	461.00 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.

References / Links

A summary of studio lamps can be found on the halogen studio lamps poster.
For more information on halogen lamps for studio, stage and TV see the brochure:
"Good news for show business"
"Halogen High Voltage Lamps" cross reference list

Disclaimer

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