

## HSR 400 W/60

HSR | Single end metal halide lamps designed to provide optimal thermal and mechanical stability.

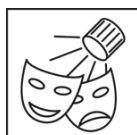


### Areas of application

- Concert Lighting
- Club & Disco
- Architecture & Architainment

### Product features and benefits

- Proven, reliable technology for entertainment and architectural fixtures
- Designed with an outer quartz jacket providing compact and rugged construction
- High luminous efficacy of up to 90 lumens/watt



Technical data

General Product Information

Product number (Americas)	54102
Product name (Americas)	HSR 400/60 10/CS 1/SKU
Family brand	HSR
Global order reference	HSR 400 W/60

Electrical Data

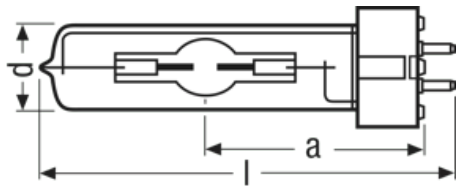
Nominal wattage	400 W
Nominal voltage	67.0 V
Ignition voltage	2.0 kVp <sup>1)</sup>
Nominal current	6.9 A
Type of current	AC

<sup>1)</sup> Cold

Photometric Data

Nominal luminous flux	33000 lm
Luminous efficacy	80 lm/W
Color temperature	6000 K
Color rendering index Ra	85
Light center length (LCL)	62.0 mm

Physical Attributes & Dimensions



Electrode gap (cold)	5.0 mm
Lamp base	GX9.5
Diameter (in)	0.906 in
Diameter	23.0 mm
Length	110.0 mm

Product datasheet

Product weight	46.50 g
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Operating Conditions

Burning position	Other
Cooling	Convection <sup>1)</sup>
Max. permitted ambient temp. pinch point	350 °C <sup>2)</sup>

<sup>1)</sup> Fan  
<sup>2)</sup> Measured at Molybdenum foil / Pinch Seal region (eXtreme Seal Technology)

Lifetime Data

Nominal lifetime	1000 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321631503   4050300315942
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
4050300315942	OSRHSR40060	-	-	-

## Product datasheet

### Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, HSR lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation is reduced to an acceptable level. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321631503	HSR 400 W/60	Folding carton box 1	45 mm x 45 mm x 150 mm	0.31 dm <sup>3</sup>	64.00 g
4008321631510	HSR 400 W/60	Shipping carton box 10	245 mm x 105 mm x 173 mm	4.45 dm <sup>3</sup>	640.00 g
4050300315942	HSR 400 W/60	Folding carton box 1	- x - x -		
4050300148441	HSR 400 W/60	Shipping carton box 10	245 mm x 105 mm x 165 mm	4.24 dm <sup>3</sup>	859.00 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.