

4ArXS HSD 250 W/60

4ArXS HSD | Long-life short-arc metal halide lamps ideal for architectural applications.



Areas of application

- Architecture & Architainment
- Concert Lighting
- Club & Disco

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
- 4ARXS ("For Architainment eXtreme Seal") are designed to withstand temperatures up to 450°C at the pinch seal and provide longer lamp life of up to 3,000 hrs (when operated on an ECG)



Technical data

General Product Information

Product number (Americas)	54170
Product name (Americas)	4ArXS HSD 250W/60 10/CS 1/SKU
Family brand	4ArXS HSD
Lamp type	SINGLE END
Global order reference	4ArXS HSD 250 W/60

Electrical Data

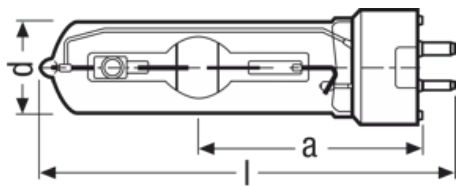
Nominal wattage	250 W
Nominal voltage	85.0 V
Ignition voltage	2.0 kVp ¹⁾
Nominal current	3 A
Type of current	AC

¹⁾ Cold

Photometric Data

Nominal luminous flux	17000 lm
Luminous efficacy	70 lm/W
Color temperature	6000 K
Color rendering index Ra	85
Light center length (LCL)	55.0 mm

Physical Attributes & Dimensions



Electrode gap (cold)	5.0 mm
Lamp base	GY9.5
Diameter (in)	0.906 in
Diameter	23.0 mm

Product datasheet

Length	108.0 mm
Product weight	31.60 g

Operating Conditions

Burning position	Other
Cooling	Convection ¹⁾
Max. permitted ambient temp. pinch point	450 °C ²⁾

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

Lifetime Data

Nominal lifetime	2000 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4008321625762
Declaration no. in SCIP database	No declarable substances contained
Candidate list substance 1	No declarable substances contained

Product datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, 4ArXS HSD 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
4008321625762	4ArXS HSD 250 W/60	Folding carton box 1	46 mm x 46 mm x 143 mm	0.30 dm ³	54.00 g
4008321625779	4ArXS HSD 250 W/60	Shipping carton box 10	245 mm x 105 mm x 165 mm	4.24 dm ³	608.00 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.