

4ArXS HSD



Areas of application

- Architecture & Architainment
- Concert Lighting
- Club & Disco

Product features and benefits

- Proven 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)



Product family datasheet

Technical data

General Product Information				
Product description	Product number (Americas)	Product name (Americas)	Family brand	Lamp type
4ARXS HSD 150W/70	54311	4ARXS HSD 150W/70 10/CS 1/SKU	4ArXS HSD	SINGLE END
4ArXS HSD 250 W/60	54170	4ArXS HSD 250W/60 10/CS 1/SKU	4ArXS HSD	SINGLE END
4ArXS HSD 250 W/80	54243	4ArXS HSD 250W/80 10/CS 1/SKU	4ArXS HSD	SINGLE END
4ArXS HSD 575 W/72	54129	4ARXS HSD 575W/72 10/CS 1/SKU	4ArXS HSD	SINGLE END

Electrical Data				
Product description	Global order reference	Nominal wattage	Nominal voltage	Nominal current
4ARXS HSD 150W/70	4ARXS HSD 150W/	150 W	97 V	1.6 A
4ArXS HSD 250 W/60	4ArXS HSD 250 W/60	250 W	85 V	3 A
4ArXS HSD 250 W/80	4ArXS HSD 250 W/80	250 W	92 V	2.8 A
4ArXS HSD 575 W/72	4ArXS HSD 575 W/72	575 W	88 V	7.2 A

Photometric Data				
Physical Attributes & Dimensions				
Product description	Color temperature	Lamp base	Diameter (in)	Diameter
4ARXS HSD 150W/70	7000 K	G12	0.787 in	20.0 mm
4ArXS HSD 250 W/60	6000 K	GY9.5	0.906 in	23.0 mm
4ArXS HSD 250 W/80	8000 K	GY9.5	0.906 in	23.0 mm
4ArXS HSD 575 W/72	7200 K	GX9.5	1.181 in	30.0 mm

Product description	Diameter	Length	Product weight	Electrode gap (cold)
4ARXS HSD 150W/70	20.0 mm	105.0 mm	31.20 g	
4ArXS HSD 250 W/60	23.0 mm	108.0 mm	31.60 g	5.0 mm
4ArXS HSD 250 W/80	23.0 mm	108.0 mm	31.60 g	
4ArXS HSD 575 W/72	30.0 mm	135.0 mm	65.50 g	7.0 mm

Lifetime Data				
Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
4ARXS HSD 150W/70	3000 hr	4008321625847	No declarable substances contained	No declarable substances contained
4ArXS HSD 250 W/60	2000 hr	4008321625762	No declarable substances contained	No declarable substances contained
4ArXS HSD 250 W/80	3000 hr	4008321625786	No declarable substances contained	No declarable substances contained
4ArXS HSD 575 W/72	3000 hr	4008321625809	No declarable substances contained	No declarable substances contained

Product family 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.

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

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