

# Technical Information

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# Mercury Discharge Lamp

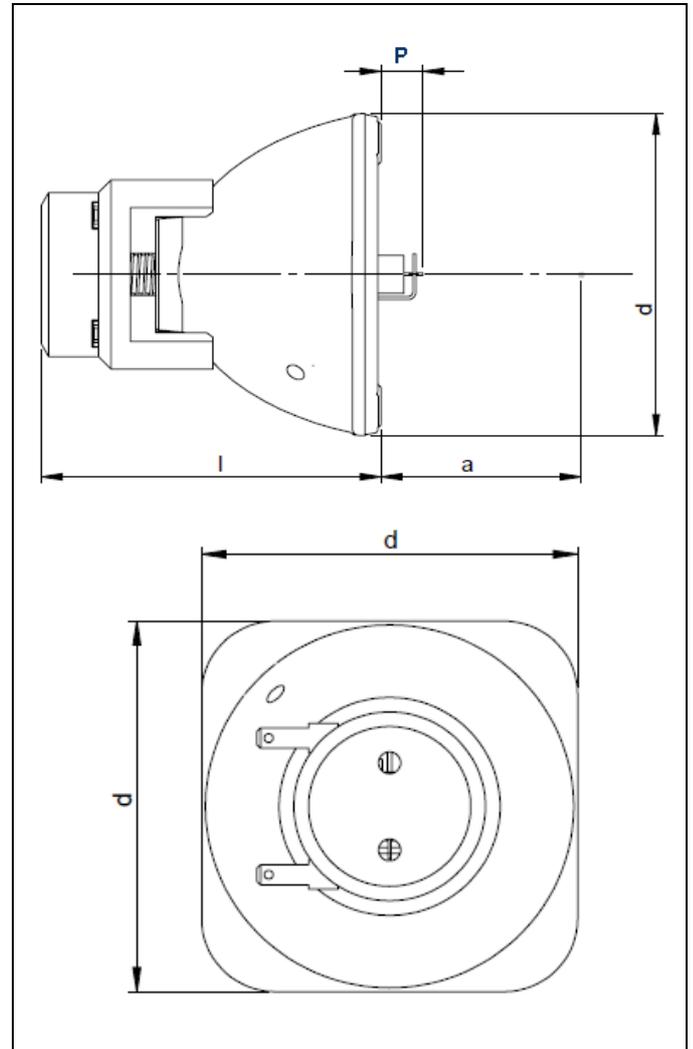
# SIRIUS HRI® 190W

## ■ Product description

The OSRAM SIRIUS HRI® 190W with its focusing dichroic reflector is highly efficient and optimized for light guide applications. The distance between the reflector's alignment plane and the second focal point (working distance) is 34.5mm. Main applications of the SIRIUS HRI® 190W are moving head projectors.

## ■ Technical data

Order reference	SIRIUS HRI® 190W	
Rated lamp wattage	W	190
Rated lamp voltage	V	70
Rated lamp current (square)	A	2.7
Ignition voltage (cold/hot)	kV <sub>s</sub>	2.5
Color temperature	K	8,800
Electrode gap	mm	0.8
Lamp length l	mm	max. 54.5
Burner excess P	mm	max. 6.5
Reflector diameter d	mm	51
Working distance a	mm	34.5
Average service life	h	3,000
Initial luminous flux (through aperture 5.0x3.8mm <sup>2</sup> )	lm	9,200
CRI		70



## ■ Lamp operation

Burning position any

Electrical connection flat pin connectors

Cooling forced cooling required (refer to system specification)

Lamp driver For best luminous efficiency and maintenance results, the SIRIUS HRI® 190W should be operated only with accordingly qualified electronic power supplies (e.g. use of OSRAM PT SIRIUS 190W, or equivalent ECG).