# **Technical Information**

No. FO 4432

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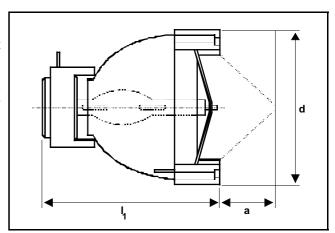
# HTI® 250 W/32 (C)

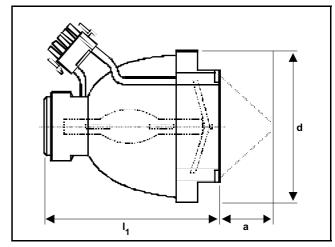
## **■** Product description

The OSRAM HTI® 250 W/32 is a highly efficient light source with a focusing dichroic cold-light reflector. In a distance of 32 mm from the reflector's front ceramic ring (i.e. mounting distance) a field of 5 mm diameter is illuminated. The HTI® 250 W/32 is mainly used for endoscopy as well as in the effect lighting projection.

#### Technical data

Order reference		HTI <sup>®</sup> 250 W/32
Rated lamp wattage	W	270
Rated lamp voltage	V	45
Rated lamp current (square)	Α	6
Ignition voltage (cold / hot)	kVs	4.5 / 20
Color temperature	K	5,600
Electrode gap	mm	2.3
Lamp length (overall) I <sub>1</sub>	mm	max. 73
Reflector diameter d	mm	67
Luminous area		5 mm spot
Mounting distance a	mm	32
Average service life	h	250





## Lamp operation

Electrical connection

• HTI® 250 W/32: pins with 2 resp. 2,5 mm diameter
• HTI® 250 W/32 (C): cable and plug-in contact (AMP connector 350809-1)

Maximum permissible base temperature

°C 230

Cooling Fan; horizontal air flow from the side passing through the gap in the front and rear ceramic ring

Burning position horizontal ± 20°, current bar downwards, p 20

For best luminous efficiency and best light stability (required for e.g. endoscopy, film projection) the HTI® 250 W/32 should be operated on electronic power supplies (ECG). For less critical applications the operation on standard ballasts is possible; some lamp parameters may be reduced then.

## ■ Manufacturers of operating and control devices (not all officially approved by OSRAM)

Ignitors: Mitronic 270/400; Bauch 252
Ballasts: ERC, May & Christe (not serial)

ECGs: Gossen C 35 AC 250; Mitronic ENE 270/40;

San Rex SG 250; Walker SA HMI 250 I1

