

## XBO 150 W/CR OFR

XBO | Xenon short-arc lamps without reflector



### Product benefits

- Very high luminance (point light source)
- Continual color quality, irrespective of lamp type and lamp wattage
- Constant light color throughout the life of the lamp
- Long lamp life

### Product features

- Color temperature: approx. 6,000 K (Daylight)
- High color rendering index:  $R_a >$
- Continuous spectrum in the visible range
- High arc stability
- Hot restart capability
- Dimmable
- Instant light on starting



# Product datasheet

## Technical data

### Electrical data

|                      |                         |
|----------------------|-------------------------|
| Nominal wattage      | 150 W                   |
| Construction wattage | 0.15 kW                 |
| Lamp wattage         | 125...180 W             |
| Lamp voltage         | 15...18 V <sup>1)</sup> |

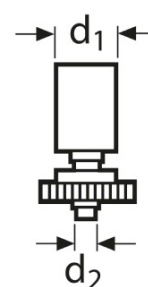
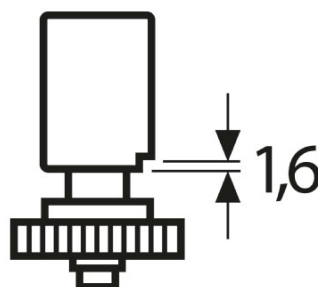
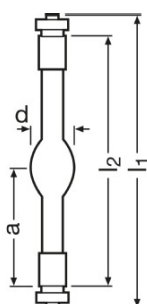
<sup>1)</sup> Initial voltage range

### Light technical data

|                       |  |
|-----------------------|--|
| Nominal luminous flux | 2900 lm                                |
| Luminous intensity    | 290 cd <sup>1)</sup>                   |
| Luminous flux         | 2900 lm <sup>1)</sup>                  |
| Luminance             | 20000 cd/cm <sup>2</sup> <sup>1)</sup> |

<sup>1)</sup> Typical initial photometric value

### Dimensions & weight



Product line drawing

Base

Base

|                 |          |
|-----------------|----------|
| Diameter        | 20.0 mm  |
| Mounting length | 127.0 mm |

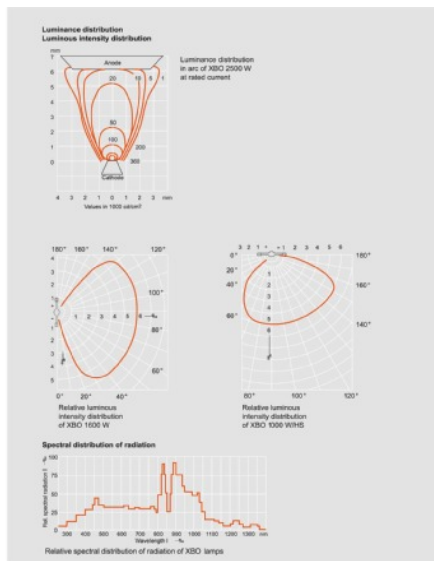
### Lifespan

|          |                             |
|----------|-----------------------------|
| Lifespan | 3000 / 1200 h <sup>1)</sup> |
|----------|-----------------------------|

<sup>1)</sup> In vertical burning position / In horizontal burning position

### Additional product data

# Product datasheet



## Luminous intensity distribution

|                                    |              |
|------------------------------------|--------------|
| <b>Base (standard designation)</b> | SFc12/SFcX12 |
| <b>Picto Medicine</b>              | Yes          |

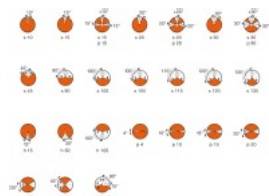
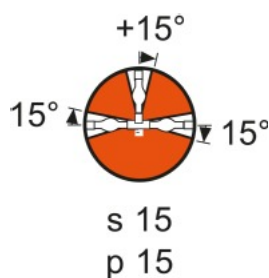
## Country specific information

| Product code  | METEL code     | SEG-No. | STK-Number | UK Org |
|---------------|----------------|---------|------------|--------|
| 4050300508788 | OSRXBO150CROFR | -       | -          | -      |

## Product datasheet

### Safety advice

Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, XBO lamps must only be operated in appropriate enclosed casings. Always use the protective jackets supplied when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.



Burning position

Burning position

### Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (height x width x length) | Volume                | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4050300508795 | XBO 150 W/CR OFR    | Shipping carton box<br>10    | 225 mm x 314 mm x<br>259 mm          | 18.30 dm <sup>3</sup> | 2028.00 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.

### References / Links

Further technical information on XBO lamps and information for manufacturers of operating equipment can be requested directly from OSRAM.

### Disclaimer

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