

## HBO R 103 W/45

HBO R & HXP R  $\leq 200\text{W}$  with Reflector | Short arc lamps with precision aligned reflectors that provide a broad spectrum through the visible and ultraviolet ranges

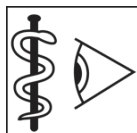


### Areas of application

- Laboratory & Analysis
- UV Curing
- Fiber Illumination
- Microscopy
- Solar Simulation

### Product features and benefits

- High luminance / radiance with intense point source
- Broad spectral distribution in the visible and ultraviolet range
- Enhanced UV characteristics available on some types
- High arc stability



Technical data

General Product Information

|                           |                           |
|---------------------------|---------------------------|
| Product number (Americas) | 69311                     |
| Product name (Americas)   | HBOR103W45 22V 2/CS 1/SKU |
| Family brand              | HBO                       |
| Global order reference    | HBO R 103 W/45            |

Electrical Data

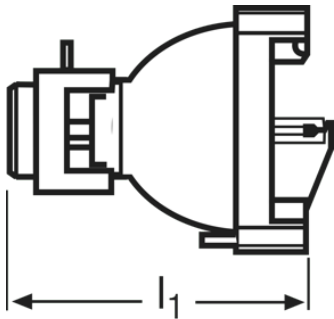
|                 |                         |
|-----------------|-------------------------|
| Nominal wattage | 103 W                   |
| Lamp voltage    | 20...25 V <sup>1)</sup> |
| Lamp current    | 4.0...5.0 A             |
| Type of current | DC                      |

<sup>1)</sup> Initial electrical values

Photometric Data

|              |         |
|--------------|---------|
| Focal length | 45.0 mm |
|--------------|---------|

Physical Attributes & Dimensions



|                |              |
|----------------|--------------|
| Lamp base      | FaXP2.5-2x65 |
| Diameter       | 68.0 mm      |
| Diameter (in)  | 2.677 in     |
| Diameter       | 68.0 mm      |
| Length         | 85.0 mm      |
| Product weight | 120.00 g     |

Operating Conditions

|                  |          |
|------------------|----------|
| Burning position | p20      |
| Cooling          | Required |

Product datasheet

Lifetime Data

|                  |        |
|------------------|--------|
| Nominal lifetime | 300 hr |
|------------------|--------|

Environmental & Regulatory Information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |  |
|---|--|
| Primary article identifier  | 4050300405957  |
| Declaration no. in SCIP database                                      | cce3d02b-c5cd-4be4-8e72-a79d159780b6   |
| Candidate list substance 1  | Lead   |
| CAS No. of substance 1  | 7439-92-1  |
| Safe use instruction  | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

Country specific information

| Product code  | METEL code   | SEG-No. | STK-Number | UK Org |
|---------------|--------------|---------|------------|--------|
| 4050300405957 | OSRHBOR10345 | -       | -          | -      |

# Product datasheet

## Safety advice

Due to their high luminance, UV radiation, and high internal pressure in the hot state, HBO and HXP lamps may only be operated in enclosed lamp casings designed for their operation. Since mercury is released if the lamp breaks, special safety precautions must be taken. More information is available upon request, or can be found in the leaflet or operating instructions included with the lamp. You can also review our Product Safety Guide.

## Logistical Data

| Product code  | Product description | Packaging unit<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume               | Gross weight |
|---------------|---------------------|---------------------------------|---|----------------------|--------------|
| 4050300405957 | HBO R 103 W/45      | Folding carton box<br>1         | 87 mm x 87 mm x<br>103 mm               | 0.79 dm <sup>3</sup> | 183.00 g     |
| 4050300147093 | HBO R 103 W/45      | Shipping carton box<br>2        | 185 mm x 96 mm x<br>115 mm              | 2.05 dm <sup>3</sup> | 366.00 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.