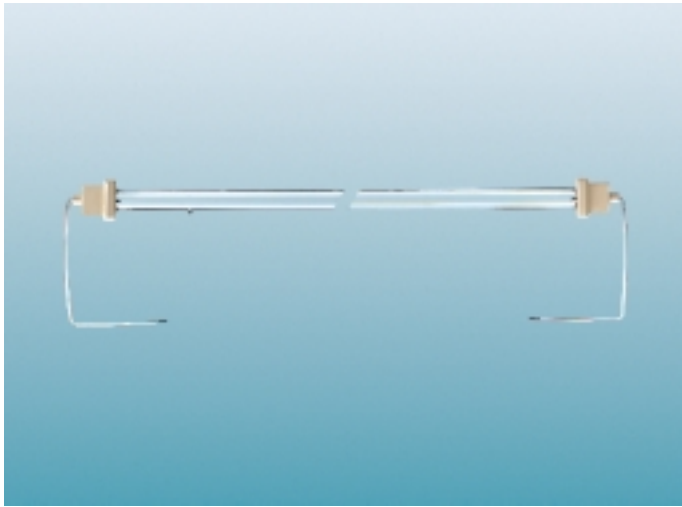


Special H.I.D. lamps

HOK Curing/disinfection 80-120 W/cm



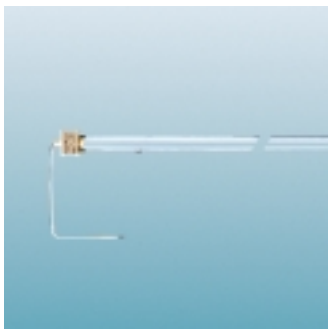
HOK 80/120

Long-arc medium-pressure high-power mercury radiators consisting of a double-ended quartz discharge tube filled with mercury, and emitting UV-C radiation.
Up to 2 kW lamp power; a choke and ignitor can be used.
For higher power levels a transformer-type circuit is needed.
HOK /80 and /120 lamps can be loaded up to 80 and 120 W per cm of arc length resp. (/120 lamps are recommended because they allow for more flexibility in the process).
The lamps contain sophisticated quantities of mercury bromides, providing a self-cleaning halogen cycle to control the maintenance.

Forced air ventilation is required to remove the ozone produced by HOK lamps.
Burning position: horizontal +/- 10 degrees for all HOK lamps except for HOK 4/120 (horizontal +/- 180 degrees) and HOK 4/120 SE (universal).

Applications

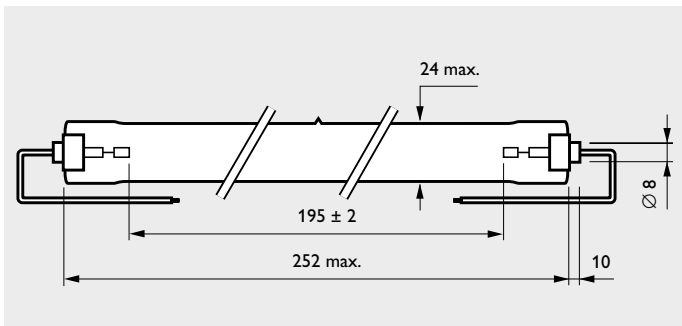
- Curing of lacquers, paints and inks
- Disinfection of waste water
- Label printing
- Photochemical processes
- Advanced Oxidation Technologies



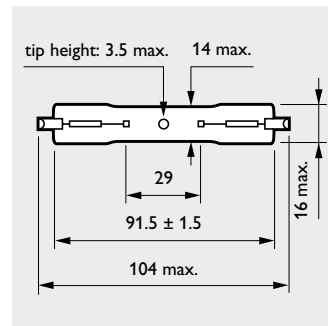
HOK 80/80



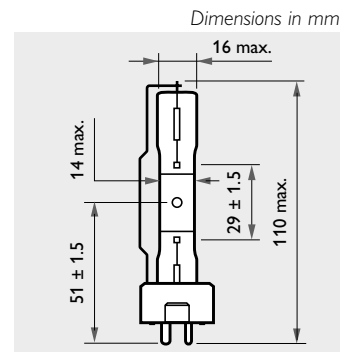
HOK 4/120 SE



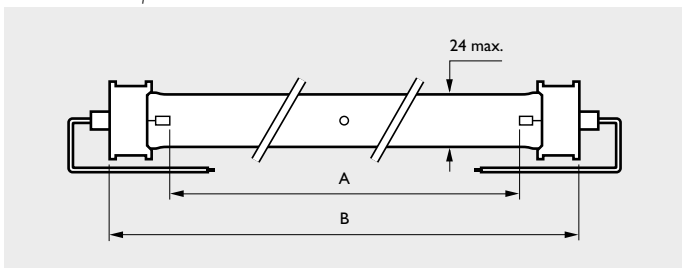
HOK 20/100 Cap/cable



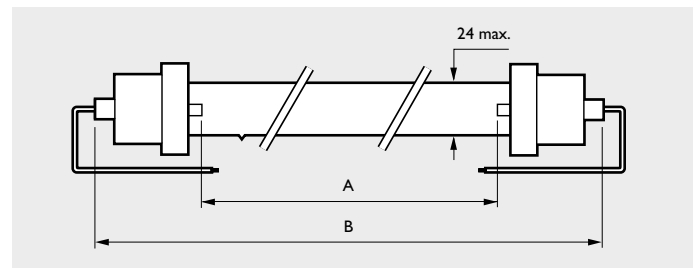
HOK 4/120 R7s-21



HOK 4/120 SE GY9.5



| Type | A | B max. |
|---------------|------------|--------|
| Cap/base SK32 | | |
| HOK 35/80 | 355.0±2.0 | 422.0 |
| HOK 65/80 | 650.0±2.0 | 716.0 |
| HOK 80/80 | 813.0±2.0 | 874.0 |
| HOK 105/80 | 1065.0±2.0 | 1136.0 |
| HOK 140/80 | 1415.0±2.0 | 1486.0 |

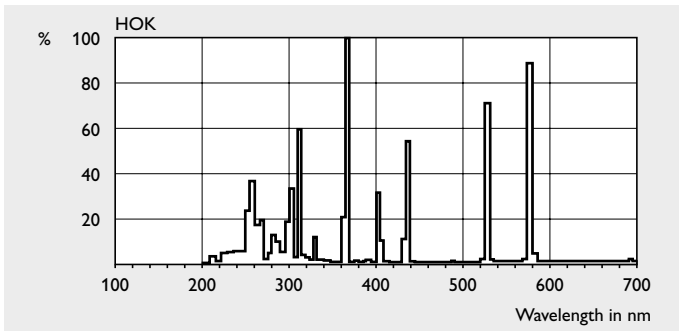


| Type | A max. | B max. |
|---------------------|------------|--------|
| Cap/base SK32/28x42 | | |
| HOK 35/120 | 348.0±2.0 | 428.0 |
| HOK 50/120 | 500.0±2.0 | 580.0 |
| HOK 65/120 | 637.0±2.0 | 717.0 |
| HOK 80/120 | 800.0±2.0 | 880.0 |
| HOK 105/120 | 1057.0±2.0 | 1137.0 |
| HOK 140/120 | 1407.0±2.0 | 1487.0 |

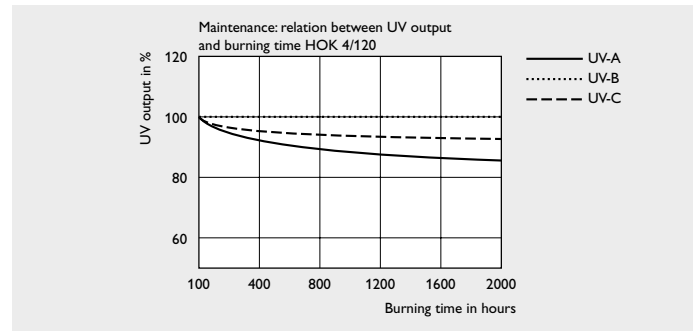


Special H.I.D. lamps

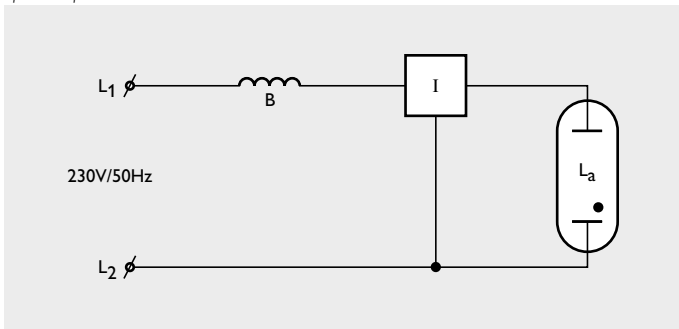
HOK Curing/disinfection 80-120 W/cm



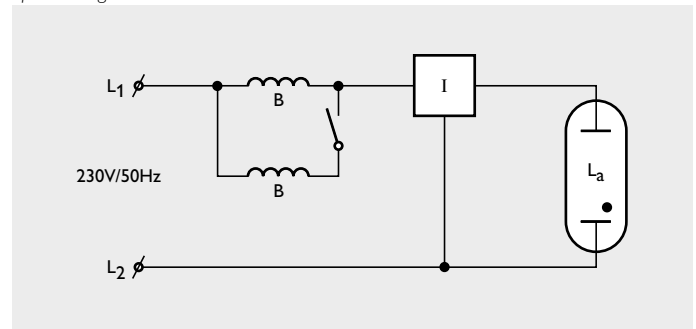
Spectral power distribution



Special diagram



Circuit diagrams



| Type | Cap/ base | Lamp wattage W | Lamp current A | Maximum permissible base/pinch temperature degr.C | Maximum permissible bulb temperature degr.C | UV-C radiation W | Nett weight g | Ordering number | EOC |
|-------------|--------------|----------------------|----------------------|---|---|------------------------|---------------------|--------------------|--------|
| HOK 35/80 | SK32 | 2850 | 6.5 | 300 | 900 | 430 | 156 | 8222 341 25704 | 188557 |
| HOK 65/80 | SK32 | 5000 | 6.6 | 300 | 900 | 750 | 224 | 9281 856 05104 | - |
| HOK 80/80 | SK32 | 6400 | 7.0 | 300 | 900 | 960 | 261 | 9281 889 05104 | 188618 |
| HOK 105/80 | SK32 | 8300 | 6.7 | 300 | 900 | 1250 | 319 | 9281 887 05104 | 188465 |
| HOK 140/80 | SK32 | 11000 | 6.5 | 300 | 900 | 1650 | 400 | 9281 888 05104 | 188526 |
| HOK 20/100 | CAP/CABLE | 2100 | 9.6 | 300 | 900 | 335 | 75 | 9281 882 05102 | 188700 |
| HOK 4/120 | R7S-21 | 400 | 3.5 | 350 | 950 | 55 | 55 | 9281 864 05102 | 195074 |
| HOK 4/120SE | GY9,5 | 400 | 3.5 | 350 | 950 | 55 | 55 | 9281 865 05102 | 195777 |
| HOK 35/120 | SK32/28*42 | 4300 | 10.3 | 300 | 900 | 760 | 156 | 9281 883 05104 | 193865 |
| HOK 50/120 | SK32/28*42 | 6000 | 10.0 | 300 | 900 | 960 | 191 | 9281 884 05104 | 193896 |
| HOK 65/120 | SK32/28*42 | 7800 | 10.3 | 300 | 900 | 1280 | 224 | 9281 892 05104 | 193636 |
| HOK 80/120 | SK32/28*42 | 9600 | 10.5 | 300 | 900 | 1570 | 261 | 9281 893 05104 | 193605 |
| HOK 105/120 | SK32/28*42 | 12400 | 9.9 | 300 | 900 | 2020 | 319 | 9281 896 05104 | 193575 |
| HOK 140/120 | SK32/28*42 | 17000 | 10.0 | 300 | 900 | 2860 | 400 | 9281 898 05104 | 193544 |

