Technical Information

No. 5581

Edition: 01/07 - subject to change

Substitutes: new Status: valid



■ Product description

The OSRAM XBO $^{\$}$ 3000 W/HTP XL OFR is a DC-operated lamp, developed with the latest high brightness technology for XBO lamps. The XL lamps, which stands for Xtreme life, are strictly optimized on performance and have an increased warranty up to 50%.

■ Technical data

XBO® 3000 W/HTP XL OFR Order reference W 3000 Rated lamp wattage V 29 Rated lamp voltage Rated lamp current (=) Α 100 Α Current control range 60 - 110 Ignition voltage kV_{s} 36 Min. open circuit voltage V for cold / hot ignition 85 / 110 Luminous flux Im 130000 Luminous intensity 12000 cd Average luminance cd/cm² 85000 Luminous area w x h *) mm 1.7 x 5.0 Electrode gap eo (cold) mm 6.0

Warranty h 2200

Base Cathode: SFc 27-14 Anode: SFa 27-14

*) w = luminance half width value; h = height of luminance area (corresponds to electrode gap, hot)

Lamp operation

Maximum permissible

base temperature °C 230

Cooling forced cooling / fan

Min. air flow velocity around

discharge vessel m/s 6

Magnetic arc stabilization required in horizontal burning position

Burning position s 30 (vertical $\pm 30^{\circ}$; anode up); p 30 (horizontal $\pm 30^{\circ}$)



