



product details

XBO 2000W/HS CL OFR



Product description: XBO 2000W/HS CL OFR
 Product code: 4008321288653
 Quantity: Shipping carton box (VS) contains 1 Piece (PCE)

You can find this product in the eCatalog:
http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321288653

Applications	
Cooling	Forced
Burning position	s30/p30 ¹⁾

General Description	
Base (standard designation)	SFaX27-9.5+SFa27-7.9
Arc stability, horizontal	No
Base anode (standard designation)	SFaX27-9.5
Base cathode (standard designation)	SFaX27-7.9
Connector: Presence	J

Logistical Data	
Product weight	510 g

Technical - Electrical Data	
Construction voltage	24 V
Lamp voltage	24 V
Construction current	80 A
Current control range	50...85 A
Rated wattage	2 kW

Technical - Geometries	
Diameter	52.00 mm
Length with base excl. base pins/connect	342 mm
Mounting length	302 mm
Light centre length (LCL)	145 mm ²⁾
Illuminated field	1.3*4.0 mm ²
Length	342 mm
Cable length	300 mm

Technical - Lifespan	
Lifespan	2400 h

Technical - Light Technical Data	
Luminous flux	80000 lm ³⁾
Luminance	80000 cd/cm ² ⁴⁾
Luminous intensity	7500 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321288653	Shipping carton box contains 1 Piece	234,000 mm x 229,000 mm x 590,000 mm	1.578,000 g (0,000 g)	31,616 Cubic dec.





product details

XBO 2000W/HS CL OFR

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

Their main characteristics and advantages are as follows

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 2000W/HTP CL OFR



Product description: XBO 2000W/HTP CL OFR
 Product code: 4008321288646
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321288646

Applications	
Cooling	Forced
Burning position	s30/p30 ¹⁾

General Description	
Base (standard designation)	SFa25-14+SFc25-14
Arc stability, horizontal	Yes
Base anode (standard designation)	SFa25-14
Base cathode (standard designation)	SFf25-14

Logistical Data	
Product weight	451 g

Technical - Electrical Data	
Construction voltage	27 V
Lamp voltage	27 V
Construction current	70 A
Current control range	50...85 A
Rated wattage	2 kW

Technical - Geometries	
Diameter	46.00 mm
Length with base excl. base pins/connect	375 mm
Mounting length	322 mm
Light centre length (LCL)	142.5 mm ²⁾
Illuminated field	1.3*4.8 mm ²
Length	375 mm

Technical - Lifespan	
Lifespan	2400 h

Technical - Light Technical Data	
Luminous flux	80000 lm ³⁾
Luminance	75000 cd/cm ² ⁴⁾
Luminous intensity	7500 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321288646	Shipping carton box contains 1 Piece	229,000 mm x 234,000 mm x 590,000 mm	1,537 kg (0,451 kg)	31,616 Cubic dec.



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product details

XBO 2000W/HTP CL OFR

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

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XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 2000W/SHSC CL OFR

Product description: XBO 2000W/SHSC CL OFR
 Product code: 4008321317933
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321317933

Applications	
Cooling	Forced
Burning position	s20/p20 ¹⁾

General Description	
Base (standard designation)	SK27/50+SfCx27-8
Arc stability, horizontal	No
Base anode (standard designation)	SK27/50
Base cathode (standard designation)	SfCx27-8
Connector: Presence	J

Logistical Data	
Product weight	367.200 g

Technical - Electrical Data	
Construction voltage	27 V
Lamp voltage	27 V
Construction current	70 A
Current control range	50...85 A
Rated wattage	2 kW

Technical - Geometries	
Diameter	46.00 mm
Length with base excl. base pins/connect	236 mm
Mounting length	222 mm
Light centre length (LCL)	95 mm ²⁾
Illuminated field	1.3*4.0 mm ²
Length	236 mm
Cable length	130 mm

Technical - Lifespan	
Lifespan	2000 h

Technical - Light Technical Data	
Luminous flux	80000 lm ³⁾
Luminance	80000 cd/cm ² ⁴⁾
Luminous intensity	7500 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321317933	Shipping carton box contains 1 Piece	234,000 mm x 229,000 mm x 590,000 mm	1.453,200 g (0,000 g)	31,616 Cubic dec.



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product details

XBO 2000W/SHSC CL OFR

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

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XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 2500W/HS CL OFR



Product description: XBO 2500W/HS CL OFR
 Product code: 4008321288660
 Quantity: Shipping carton box (VS) contains 1 Piece (PCE)

You can find this product in the eCatalog:
http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321288660

Applications	
Cooling	Forced
Burning position	s30/p30 ¹⁾

General Description	
Base (standard designation)	SFaX 27-9.5+SFa 27-7.9
Arc stability, horizontal	No
Base anode (standard designation)	SFaX27-9.5
Base cathode (standard designation)	SFa27-7.9
Connector: Presence	J

Logistical Data	
Product weight	602 g

Technical - Electrical Data	
Construction voltage	28 V
Lamp voltage	28 V
Construction current	90 A
Current control range	70...100 A
Rated wattage	2.5 kW

Technical - Geometries	
Diameter	60.00 mm
Length with base excl. base pins/connect	342 mm
Mounting length	302 mm
Light centre length (LCL)	145 mm ²⁾
Illuminated field	1.5*4.5 mm ²
Length	342 mm
Cable length	300 mm

Technical - Lifespan	
Lifespan	1500 h

Technical - Light Technical Data	
Luminous flux	100000 lm ³⁾
Luminance	80000 cd/cm ² ⁴⁾
Luminous intensity	10000 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321288660	Shipping carton box contains 1 Piece	208,000 mm x 203,000 mm x 590,000 mm	1.302,000 g (0,000 g)	31,616 Cubic dec.





product details

XBO 2500W/HS CL OFR

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

Their main characteristics and advantages are as follows

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 3000W/HS CL OFR



Product description: XBO 3000W/HS CL OFR
 Product code: 4008321210265
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321210265

Applications	
Cooling	Forced
Burning position	s30/p30 ¹⁾

General Description	
Base (standard designation)	SFaX 27-9.5+SFa 27-7.9
Arc stability, horizontal	Yes
Base anode (standard designation)	SFaX27-9.5
Base cathode (standard designation)	SFa27-7.9
Connector: Presence	J

Logistical Data	
Product weight	602 g

Technical - Electrical Data	
Construction wattage	3000 W
Construction voltage	29 V
Lamp voltage	29 V
Construction current	100 A
Current control range	60...110 A
Nominal voltage	29 V

Technical - Geometries	
Diameter	60.00 mm
Length with base excl. base pins/connect	342 mm
Mounting length	302 mm
Light centre length (LCL)	167.5 mm ²⁾
Illuminated field	1.7*5.0 mm ²
Electrode gap cold	6.0 mm
Length	342.00 mm
Cable length	300 mm

Technical - Lifespan	
Lifespan	1500 h

Technical - Light Technical Data	
Luminous flux	130000 lm ³⁾
Luminance	90000 cd/cm ² ⁴⁾
Luminous intensity	12000 cd ⁵⁾

Technical - Temperatures	
Maximum permissible ambient temperature	230 °C



product details

XBO 3000W/HS CL OFR

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321210265	Shipping carton box contains 1 Piece	206,000 mm x 203,000 mm x 500,000 mm	1.455,000 g (0,000 g)	20,400 Cubic dec.

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

Their main characteristics and advantages are as follows

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 3000W/HTP CL OFR



Product description: XBO 3000W/HTP CL OFR
 Product code: 4008321288677
 Quantity: Shipping carton box (VS) contains 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321288677

Applications	
Cooling	Forced
Burning position	s30/p30 ¹⁾

General Description	
Base (standard designation)	SFa27-14+SFc27-14
Arc stability, horizontal	Yes
Base anode (standard designation)	SFa27-14
Base cathode (standard designation)	SFc27-14

Logistical Data	
Product weight	571 g

Technical - Electrical Data	
Construction voltage	29 V
Lamp voltage	29 V
Construction current	100 A
Current control range	60...110 A
Rated wattage	3 kW

Technical - Geometries	
Diameter	60.00 mm
Length with base excl. base pins/connect	405 mm
Mounting length	357 mm
Light centre length (LCL)	162.5 mm ²⁾
Illuminated field	1.7*5.0 mm ²
Length	405 mm

Technical - Lifespan	
Lifespan	1500 h

Technical - Light Technical Data	
Luminous flux	130000 lm ³⁾
Luminance	85000 cd/cm ² ⁴⁾
Luminous intensity	12000 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321288677	Shipping carton box contains 1 Piece	229,000 mm x 234,000 mm x 590,000 mm	1,639 kg (0,571 kg)	31,616 Cubic dec.



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product details

XBO 3000W/HTP CL OFR

Safety

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Their main characteristics and advantages are as follows

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 4000W/HS CL OFR



Product description: XBO 4000W/HS CL OFR
 Product code: 4008321210272
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321210272

Applications	
Cooling	Forced
Burning position	s20/p20 ¹⁾

General Description	
Base (standard designation)	SFaX30-9.5+SFa30-7.9
Arc stability, horizontal	Yes
Base anode (standard designation)	SFaX30-9.5
Base cathode (standard designation)	SFa30-7.9
Connector: Presence	J

Logistical Data	
Product weight	799.500 g

Technical - Electrical Data	
Construction wattage	4000 W
Construction voltage	28 V
Lamp voltage	28 V
Construction current	135 A
Current control range	80...150 A
Nominal voltage	28 V

Technical - Geometries	
Diameter	60.00 mm
Length with base excl. base pins/connect	410 mm
Mounting length	370 mm
Light centre length (LCL)	171 mm ²⁾
Illuminated field	1.9*6.0 mm ²
Electrode gap cold	7.0 mm
Length	410.00 mm
Cable length	400 mm

Technical - Lifespan	
Lifespan	1000 h

Technical - Light Technical Data	
Luminous flux	155000 lm ³⁾
Luminance	90000 cd/cm ² ⁴⁾
Luminous intensity	17000 cd ⁵⁾

Technical - Temperatures	
Maximum permissible ambient temperature	230 °C



product details

XBO 4000W/HS CL OFR

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321210272	Shipping carton box contains 1 Piece	234,000 mm x 229,000 mm x 590,000 mm	1.885,500 g (0,000 g)	31,616 Cubic dec.

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

Their main characteristics and advantages are as follows

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

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- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

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- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 4000W/HTP CL OFR

Product description: XBO 4000W/HTP CL OFR
 Product code: 4008321288684
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:
http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321288684

Applications	
Cooling	Forced
Burning position	s20/p20 ¹⁾

General Description	
Base (standard designation)	SFa27-14+SFc27-14
Arc stability, horizontal	No
Base anode (standard designation)	SFa27-14
Base cathode (standard designation)	SFc27-14

Logistical Data	
Product weight	600.600 g

Technical - Electrical Data	
Construction voltage	30 V
Lamp voltage	30 V
Construction current	130 A
Current control range	100...140 A
Rated wattage	4 kW

Technical - Geometries	
Diameter	60.00 mm
Length with base excl. base pins/connect	433 mm
Mounting length	382 mm
Light centre length (LCL)	167.5 mm ²⁾
Illuminated field	1.9*6.0 mm ²
Length	433 mm

Technical - Lifespan	
Lifespan	1000 h

Technical - Light Technical Data	
Luminous flux	155000 lm ³⁾
Luminance	90000 cd/cm ² ⁴⁾
Luminous intensity	16000 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321288684	Shipping carton box contains 1 Piece	229,000 mm x 234,000 mm x 590,000 mm	1,687 kg (0,601 kg)	31,616 Cubic dec.





product details

XBO 4000W/HTP CL OFR

Safety

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- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 5000W/HBM CL OFR



Product description: XBO 5000W/HBM CL OFR
 Product code: 4008321317995
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:
http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321317995

Applications	
Cooling	Forced
Burning position	s15/p15 ¹⁾

General Description	
Base (standard designation)	SFaX30-9.5+SFa30-7.9
Arc stability, horizontal	Yes
Base anode (standard designation)	SFaX30-9.5
Base cathode (standard designation)	SFaX30-7.9
Connector: Presence	J

Logistical Data	
Product weight	797.400 g

Technical - Electrical Data	
Construction voltage	34 V
Lamp voltage	34 V
Construction current	140 A
Current control range	100...150 A
Rated wattage	5 kW

Technical - Geometries	
Diameter	60.00 mm
Length with base excl. base pins/connect	436 mm
Mounting length	393 mm
Light centre length (LCL)	170.5 mm ²⁾
Illuminated field	2.2*6.5 mm ²
Length	436 mm
Cable length	155 mm

Technical - Lifespan	
Lifespan	800 h

Technical - Light Technical Data	
Luminous flux	225000 lm ³⁾
Luminance	95000 cd/cm ^{2 4)}
Luminous intensity	27000 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321317995	Shipping carton box contains 1 Piece	229,000 mm x 234,000 mm x 590,000 mm	1,883 kg (0,797 kg)	31,616 Cubic dec.





product details

XBO 5000W/HBM CL OFR

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

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- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures:

- Guideline for control gear and igniters: XBO Xenon short arc lamps
- Technology and application XBO cinema lamps

- 1) For vertical burning position: anode (+) on top
- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 6000W/HS CL OFR

Product description: XBO 6000W/HS CL OFR
 Product code: 4008321318008
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321318008

Applications	
Cooling	Forced
Burning position	s15/p15 ¹⁾

General Description	
Base (standard designation)	SFaX30-9.5+SFa30-7.9
Arc stability, horizontal	Yes
Base anode (standard designation)	SFaX30-9.5
Base cathode (standard designation)	SFa30-7.9
Connector: Presence	J

Logistical Data	
Product weight	1025.300 g

Technical - Electrical Data	
Construction voltage	37 V
Lamp voltage	37 V
Construction current	160 A
Current control range	110...165 A
Rated wattage	6 kW

Technical - Geometries	
Diameter	70.00 mm
Length with base excl. base pins/connect	433 mm
Mounting length	393 mm
Light centre length (LCL)	170.5 mm ²⁾
Illuminated field	2.0*7.5 mm ²
Length	433 mm
Cable length	400 mm

Technical - Lifespan	
Lifespan	500 h

Technical - Light Technical Data	
Luminous flux	280000 lm ³⁾
Luminance	105000 cd/cm ² ⁴⁾
Luminous intensity	40000 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321318008	Shipping carton box contains 1 Piece	229,000 mm x 234,000 mm x 590,000 mm	2,111 kg (1,025 kg)	31,616 Cubic dec.



product details

XBO 6000W/HS CL OFR

Safety

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions.

Their main characteristics and advantages are as follows

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

- Very high luminance (point light source)
- Daylight color temperature of approx. 6,000 K
- High color rendering index ($R_a > 96$)
- Continual color quality, irrespective of lamp type and lamp wattage
- Hot restart
- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

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- Guideline for control gear and igniters: XBO Xenon short arc lamps
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- 2) Distance from end of base to tip of electrode (cold)
- 3) Measured in the vertical burning position
- 4) Measured in the vertical burning position
- 5) Measured in the vertical burning position



product details

XBO 7000W/HS CL OFR

Product description: XBO 7000W/HS CL OFR
 Product code: 4008321318015
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321318015

Applications	
Cooling	Forced
Burning position	s15/p15 ¹⁾

General Description	
Base (standard designation)	SFaX30-9.5+SFa30-7.9
Arc stability, horizontal	Yes
Base anode (standard designation)	SFaX30-9.5
Base cathode (standard designation)	SFa30-7.9
Connector: Presence	J

Logistical Data	
Product weight	1025.300 g

Technical - Electrical Data	
Construction voltage	42 V
Lamp voltage	42 V
Construction current	160 A
Current control range	110...165 A
Rated wattage	7 kW

Technical - Geometries	
Diameter	70.00 mm
Length with base excl. base pins/connect	433 mm
Mounting length	393 mm
Light centre length (LCL)	170.5 mm ²⁾
Illuminated field	2.6*9.0 mm ²
Length	433 mm
Cable length	400 mm

Technical - Lifespan	
Lifespan	500 h

Technical - Light Technical Data	
Luminous flux	350000 lm ³⁾
Luminance	100000 cd/cm ² ⁴⁾
Luminous intensity	35000 cd ⁵⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321318015	Shipping carton box contains 1 Piece	229,000 mm x 234,000 mm x 590,000 mm	2,111 kg (1,025 kg)	31,616 Cubic dec.



product details

XBO 7000W/HS CL OFR

Safety

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- DC operation
- Dimmable
- Long life

Applications

- Classic 35 mm film projection
- Digital film and video projection
- Architectural and effect light (Light Finger)
- Sunlight simulation

Literature

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- 5) Measured in the vertical burning position