

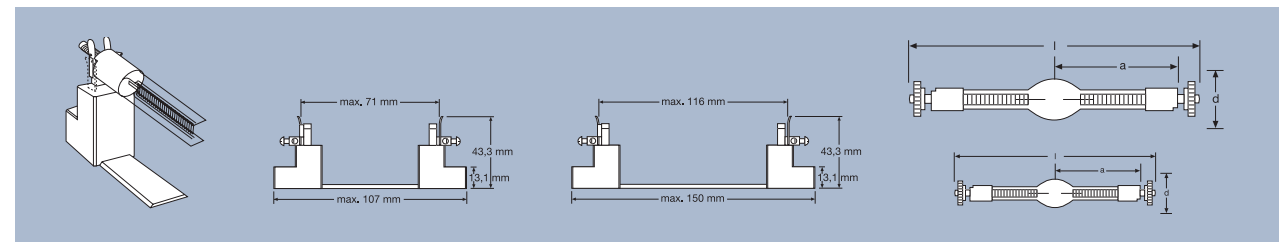


**NEW!**

## The new Baby SharXS® is born.

- Compact design with an overall length of 93 mm instead of 136 mm.
- Short 5 mm arc for greater efficiency.
- eXtreme Seal (XS) technology for improved thermal loading.
- Modular design with the same dimensions for all wattages.

### TECHNICAL DATA



| Type Baby SharXS®           | SharXS®HTI®<br>250 W/D5/80 | SharXS®HTI®<br>300 W/D5/57 | SharXS®HTI®<br>300 W/D5/65 | SharXS®HTI®<br>400 W/D5/60 | SharXS®HTI®<br>575 W/D5/56 | SharXS®HTI®<br>575 W/D5/75 |
|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Rated wattage               | 250 W                      | 300 W                      | 300 W                      | 400 W                      | 575 W                      | 575 W                      |
| Lamp voltage                | 95 V                       | 80 V                       | 80 V                       | 95 V                       | 95 V                       | 95 V                       |
| Operating current           | 3.2 A                      | 4.3 A                      | 4.3 A                      | 4.2 A                      | 7.0 A                      | 7.0 A                      |
| Ignition voltage (cold/hot) | 2.0/20 kVs                 | 4.5/20 kVs                 | 4.5/20 kVs                 | 4.5/20 kVs                 | 4.5/20 kVs                 | 4.5/20 kVs                 |
| Luminous flux               | 18,000 lm                  | 20,000 lm                  | 22,000 lm                  | 33,000 lm                  | 43,000 lm                  | 43,000 lm                  |
| Colour temperature          | 8,000 K                    | 5,700 K                    | 6,500 K                    | 6,000 K                    | 5,600 K                    | 7,500 K                    |
| Colour rendering index (Ra) | > 80                       | > 85                       | > 85                       | > 85                       | > 85                       | > 85                       |
| Electrode gap (cold)        | 5.0 mm                     | 5.5 mm                     | 5.5 mm                     | 5.5 mm                     | 5.0 mm                     | 5.0 mm                     |
| Length l max.               | 93 mm                      | 93 mm                      | 93 mm                      | 93 mm                      | 93 mm                      | 93 mm                      |
| Diameter d max.             | 16 mm                      | 16 mm                      | 16 mm                      | 18 mm                      | 18 mm                      | 18 mm                      |
| LCL a                       | 35 ± 1 mm                  | 35 ± 1 mm                  | 35 ± 1 mm                  | 35 ± 1 mm                  | 35 ± 1 mm                  | 35 ± 1 mm                  |
| Average lamp life           | 3,000 h                    | 3,000 h                    | 750 h                      | 750 h                      | 500 h                      | 750 h                      |
| Base*                       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       |
| NAED Code                   | 54297                      | 54298                      | 54299                      | 54300                      | 54353                      | 54358                      |

| Type SharXS®                | SharXS®HTI®<br>200 W/D3/70 | SharXS®HTI®<br>400 W/D3/75 | SharXS®HTI®<br>575 W/D4/60 | SharXS®HTI®<br>575 W/D4/75 | SharXS®HTI®<br>700 W/D4/60 | SharXS®HTI®<br>700 W/D4/75 | SharXS®HTI®<br>1200 W/D7/60 | SharXS®HTI®<br>1200 W/D7/75 |
|-----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| Rated wattage               | 200 W                      | 400 W                      | 575 W                      | 575 W                      | 700 W                      | 700 W                      | 1,200 W                     | 1,200 W                     |
| Lamp voltage ECG/MCG        | 60/- V                     | 49/- V                     | 69 V                       | 64 V                       | 70/73 V                    | 70/73 V                    | 95/100 V                    | 95/100 V                    |
| Operating current           | 3.3 A                      | 8.5 A                      | 8.3 A                      | 9.0 A                      | 10.0/11.0 A                | 10.0/11.0 A                | 12.7/13.8 A                 | 12.7/13.8 A                 |
| Ignition voltage (cold/hot) | 3/25 kV                    | 3/25 kV                    | 3/25 kV                    | 3/25 kV                    | 3/25 kV                    | 3/25 kV                    | 5/35 kV                     | 5/35 kV                     |
| Luminous flux               | 13,000 lm                  | 26,000 lm                  | 49,000 lm                  | 44,000 lm                  | 59,000 lm                  | 59,000 lm                  | 110,000 lm                  | 110,000 lm                  |
| Colour temperature          | 7,000 K                    | 7,500 K                    | 6,000 K                    | 7,500 K                    | 6,000 K                    | 7,500 K                    | 6,000 K                     | 7,500 K                     |
| Colour rendering index (Ra) | > 85                       | > 80                       | > 85                       | > 80                       | > 80                       | > 80                       | > 90                        | > 80                        |
| Electrode gap (cold)        | 3.0 mm                     | 3.0 mm                     | 4.0 mm                     | 4.0 mm                     | 4.0 mm                     | 4.0 mm                     | 7.0 mm                      | 7.0 mm                      |
| Length l max.               | 136 mm                     | 136 mm                     | 136 mm                     | 136 mm                     | 136 mm                     | 136 mm                     | 136 mm                      | 136 mm                      |
| Diameter d max.             | 15 mm                      | 18 mm                      | 20 mm                      | 20.5 mm                    | 20 mm                      | 20.5 mm                    | 21 mm                       | 21 mm                       |
| LCL a                       | 57.5 ± 1 mm                | 57.5 ± 1 mm                | 57.5 ± 1 mm                | 57.5 ± 1 mm                | 57.5 ± 1 mm                | 57.5 ± 1 mm                | 57.5 ± 1 mm                 | 57.5 ± 1 mm                 |
| Average lamp life           | 3,000 h                    | 1,000 h                    | 750 h                      | 750 h                      | 750 h                      | 750 h                      | 750 h                       | 750 h                       |
| Base*                       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4       | Pre-focus<br>SFc10-4        | Pre-focus<br>SFc10-4        |
| NAED Code                   | 54279                      | 54241                      | 54296                      | 54270                      | 54282                      | 54242                      | 54268                       | 54269                       |

\* Holders for SFc10-4 also available.

#### OSRAM GmbH

##### Head Office

Hellabrunner Str. 1  
81543 Munich

Phone +49 (0) 89-6213-0  
Fax +49 (0) 89-6213-20 20

www.osram.de  
www.osram.com  
catalog.myosram.com/DE  
catalog.myosram.com/EN

#### OSRAM GmbH

##### Display/Optic Division

Nonnendammallee 44-61  
13629 Berlin

Phone +49 (0) 30-3386-21 74  
Fax +49 (0) 30-3386-23 59

e-mail: info@sharxs.com  
www.sharxs.com

#### OSRAM U.S./NAFTA

##### Display/Optic Division

100 Endicott Street  
Danvers, MA 01923

Phone 888-667-26 27  
Fax 800-762-71 92



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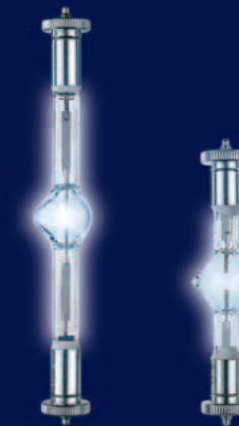
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100  
YEARS OF INNOVATION  
OSRAM

## A new razor-sharp offspring of the SharXS family.

The new Baby SharXS®HTI® – small lamp, big effect.



SEE THE WORLD IN A NEW LIGHT



# All the benefits of the SharXS® now in just 93 mm.

Measuring only 93 mm, the latest offspring of the family has all the benefits of the fullsize OSRAM SharXS®.

ENTERTAINMENT LIGHTING AND LIGHTING DESIGN

## A large family with a real bite: OSRAM SharXS® HTI®.

Thanks to their modular design, all the members of the SharXS® HTI® family of lamps are masters of creative light.

### Good genes: the new Baby SharXS®.

Instead of an overall length of 136 mm, the tiny Baby SharXS® develops all its power from just 93 mm. The small dimensions of the Baby SharXS® will inspire designers to create compact luminaires. Because of their lower weight, not only will these luminaires be easier to handle but more of them will fit on a lighting rig.

### Greater efficiency: short-arc technology.

The SharXS® HTI® family uses state-of-the-art HTI® technology to achieve a particularly high luminous efficacy. The arc in these innovative light sources has been reduced to 3–7 mm. What this means for you is that the SharXS® produces a higher luminance from the same wattage and therefore saves electricity and reduces your operating costs.

### Capable thermal loading: eXtreme-Seal technology.

A special coating is the key. The maximum pinch temperature has been increased from 350 °C to 450 °C. Because they can withstand greater thermal loads, SharXS® lamps need less cooling and are therefore quieter in operation. Thanks to the higher thermal load capacity of SharXS® lamps, less cooling is required so the luminaires are quieter in operation.

### Modular design: The same dimensions for all wattages.

For luminaire manufacturers the compact modular design means a shorter time to market and lower costs.



Exciting new opportunities for luminaire and lighting designers.



SharXS® and Baby SharXS® stay cool – thanks to eXtreme-Seal technology.

### SharXS® HTI® in its element.

SharXS® lamps are at home in all areas of entertainment lighting.

- Shows and events
- Clubs and discotheques
- Concert halls
- TV studios
- Advertising and retail

They are ideal for intelligent luminaires:

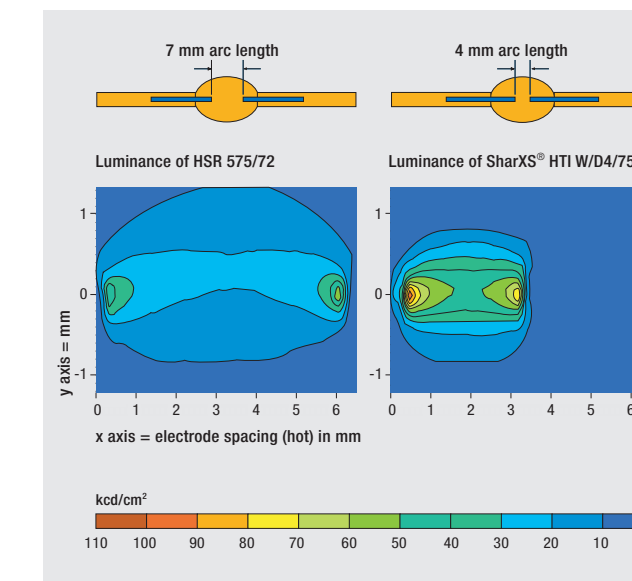
- Moving heads
- Scanners
- Projectors
- Colour changers

### Successful for the past 30 years.

Double-ended lamps have enjoyed great success on the entertainment market for many years. They really play to their strengths:

- Less sensitive to heat
- Always ready for a hot restart
- Allows more compact luminaire design
- Pre-focus base for accurate lamp installation
- Double-ended lamp will allow for key-lock socket feature

Let your creativity loose. Catch the complete SharXS® HTI® family at your OSRAM dealer or at [www.sharxs.com](http://www.sharxs.com)



Comparison of luminance for a 575 W lamp.



Rock steady in 93 and 136 mm: SharXS® HTI®.