

## XBO DHP for digital cinema projection

Xenon short-arc lamps



### Areas of application

- Cinema projection

### Product family features

- Short arc with highest luminance for brighter screen illumination
- A lifetime of reliable performances with constant 6000 K color temperature
- Easy to maintain
- High level of arc stability
- Hot restart and instant light on screen
- Dimmable in a wide range



Product family datasheet

Technical data

| Product description   | Electrical data |                       | Dimensions & weight |         |                                             |                               |
|-----------------------|-----------------|-----------------------|---------------------|---------|---------------------------------------------|-------------------------------|
|                       | Nominal wattage | Current control range | Diameter            | Length  | Length with base excl. base pins/connection | Cable/wire length, input side |
| XBO 1200 W/DHP OFR    | 120000 W        | 41...63 A             | 465 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 1600 W/DHP OFR    | 160000 W        | 57...86 A             | 465 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 2000 W/DHP L OFR  | 200000 W        | 64...95 A             | 550 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 2200 W/DHP OFR    | 220000 W        | 68...95 A             | 520 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 2500 W/DHP OFR    | 250000 W        | 63...95 A             | 550 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 3000 W/DHS OFR    | 300000 W        | 77...113 A            | 600 mm              | 3420 mm | 302.00 mm                                   | 155 mm                        |
| XBO 3000 W/DHP OFR    | 300000 W        | 77...113 A            | 550 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 3000 W/DHP L OFR  | 300000 W        | 76...111 A            | 600 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 3000 W/DHP XL OFR | 300000 W        | 76...111 A            | 600 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 4000 W/DHP L OFR  | 400000 W        | 95...137 A            | 600 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 4000 W/DHP LL OFR | 400000 W        | 95...137 A            | 600 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 4000 W/DHP XL OFR | 400000 W        | 95...137 A            | 6000 mm             | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 4000 W/DHP OFR    | 420000 W        | 91...130 A            | 600 mm              | 3450 mm | 295.00 mm                                   | 130 mm                        |
| XBO 4500 W/DHP OFR    | 450000 W        | 108...155 A           | 600 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 4500 W/DHP L OFR  | 450000 W        | 108...155 A           | 600 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6000 W/DHP OFR    | 600000 W        | 131...174 A           | 780 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6000 W/DHP L OFR  | 600000 W        | 125...160 A           | 780 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6000 W/DHP XL OFR | 600000 W        | 125...160 A           | 7800 mm             | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6500 W/DHP OFR    | 650000 W        | 133...173 A           | 780 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6500 W/DHP L OFR  | 650000 W        | 133...173 A           | 780 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6500 W/DHP XL OFR | 650000 W        | 133...173 A           | 780 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 6500 W/DHP IX OFR | 650000 W        | 133...173 A           | 785 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |
| XBO 7000W/DHP OFR     | 700000 W        | 130...175 A           | 780 mm              | 4360 mm | 393.00 mm                                   | 155 mm                        |

| Product description   | Light center length (LCL) | Product weight | Cable length | Electrode gap cold | Temperatures & operating conditions      |
|-----------------------|---------------------------|----------------|--------------|--------------------|------------------------------------------|
|                       |                           |                |              |                    | Max. permitted ambient temp. pinch point |
| XBO 1200 W/DHP OFR    | 123.0 mm <sup>1)</sup>    | 48500 g        | 1300         | 3.5 mm             | 230 °C                                   |
| XBO 1600 W/DHP OFR    | 123.0 mm <sup>1)</sup>    | 48500 g        | 1300         | 3.5 mm             | 230 °C                                   |
| XBO 2000 W/DHP L OFR  | 123.0 mm <sup>1)</sup>    | 53000 g        | 1300         | 4.5 mm             | 230 °C                                   |
| XBO 2200 W/DHP OFR    | 123.0 mm <sup>1)</sup>    | 53400 g        | 1300         | 3.7 mm             | 230 °C                                   |
| XBO 2500 W/DHP OFR    | 123.0 mm <sup>1)</sup>    | 55800 g        | 1300         | 4.5 mm             | 230 °C                                   |
| XBO 3000 W/DHS OFR    | 145.0 mm <sup>1)</sup>    | 59100 g        | 1550         | 6.0 mm             | 230 °C                                   |
| XBO 3000 W/DHP OFR    | 123.0 mm <sup>1)</sup>    | 58100 g        | 1300         | 4.5 mm             | 230 °C                                   |
| XBO 3000 W/DHP L OFR  | 123.0 mm <sup>1)</sup>    | 62300 g        | 1300         | 5.0 mm             | 230 °C                                   |
| XBO 3000 W/DHP XL OFR | 123.0 mm <sup>1)</sup>    | 62300 g        | 1300         | 5.0 mm             | 230 °C                                   |
| XBO 4000 W/DHP L OFR  | 123.0 mm <sup>1)</sup>    | 64500 g        | 1300         | 6.0 mm             | 230 °C                                   |
| XBO 4000 W/DHP LL OFR | 123.0 mm                  | 64500 g        | 1300         | 6.3 mm             |                                          |

Product family datasheet

|                       |                           |                |              |                    | Temperatures & operating conditions      |
|-----------------------|---------------------------|----------------|--------------|--------------------|------------------------------------------|
| Product description   | Light center length (LCL) | Product weight | Cable length | Electrode gap cold | Max. permitted ambient temp. pinch point |
| XBO 4000 W/DHP XL OFR | 123.0 mm <sup>1)</sup>    | 64500 g        | 1300         | 6.3 mm             | 230 °C                                   |
| XBO 4000 W/DHP OFR    | 123.0 mm <sup>1)</sup>    | 67000 g        | 1300         | 6.0 mm             | 230 °C                                   |
| XBO 4500 W/DHP OFR    | 170.5 mm <sup>1)</sup>    | 85300 g        | 1550         | 6.0 mm             | 230 °C                                   |
| XBO 4500 W/DHP L OFR  | 170.5 mm <sup>1)</sup>    | 85300 g        | 1550         | 6.0 mm             | 230 °C                                   |
| XBO 6000 W/DHP OFR    | 170.5 mm <sup>1)</sup>    | 100000 g       | 1550         | 7.5 mm             | 230 °C                                   |
| XBO 6000 W/DHP L OFR  | 170.5 mm <sup>1)</sup>    | 105000 g       | 1550         | 7.5 mm             | 230 °C                                   |
| XBO 6000 W/DHP XL OFR | 170.5 mm <sup>1)</sup>    | 100000 g       | 1550         | 8.0 mm             | 230 °C                                   |
| XBO 6500 W/DHP OFR    | 170.5 mm <sup>1)</sup>    | 102300 g       | 1550         | 7.5 mm             | 230 °C                                   |
| XBO 6500 W/DHP L OFR  | 170.5 mm <sup>1)</sup>    | 102300 g       | 1550         | 8.0 mm             | 230 °C                                   |
| XBO 6500 W/DHP XL OFR | 170.5 mm <sup>1)</sup>    | 102300 g       | 1550         | 8.0 mm             | 230 °C                                   |
| XBO 6500 W/DHP IX OFR | 170.5 mm <sup>1)</sup>    | 100000 g       | 1550         | 8.1 mm             | 230 °C                                   |
| XBO 7000W/DHP OFR     | 170.5 mm <sup>1)</sup>    | 102300 g       | 1550         | 7.5 mm             | 230 °C                                   |

| Product description   | Lifespan |                           | Additional product data           |                                     |
|-----------------------|----------|---------------------------|-----------------------------------|-------------------------------------|
|                       | Lifespan | Service Warranty Lifetime | Base anode (standard designation) | Base cathode (standard designation) |
| XBO 1200 W/DHP OFR    | 3000 h   | 3800 h                    | SFaX30-14                         | SFc30-16                            |
| XBO 1600 W/DHP OFR    | 3000 h   | 3800 h                    | SFaX30-14                         | SFc30-16                            |
| XBO 2000 W/DHP L OFR  | 3300 h   | 3500 h                    | SFaX30-14                         | SFc30-16                            |
| XBO 2200 W/DHP OFR    | 1500 h   | 2000 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 2500 W/DHP OFR    | 1700 h   | 2000 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 3000 W/DHS OFR    | 1500 h   | 2000 h                    | SFaX27-9.5                        | SFa27-7.9                           |
| XBO 3000 W/DHP OFR    | 1500 h   | 1900 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 3000 W/DHP L OFR  | 1900 h   | 2100 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 3000 W/DHP XL OFR | 2200 h   | 2400 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 4000 W/DHP L OFR  | 1300 h   | 1500 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 4000 W/DHP LL OFR | 1500 h   | 1900 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 4000 W/DHP XL OFR | 1900 h   | 2100 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 4000 W/DHP OFR    | 1100 h   | 1400 h                    | SFaX27-14x80                      | SFc27-16/55                         |
| XBO 4500 W/DHP OFR    | 1000 h   | 1300 h                    | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 4500 W/DHP L OFR  | 1300 h   | 1500 h                    | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6000 W/DHP OFR    | 650 h    | 800 h                     | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6000 W/DHP L OFR  | 900 h    | 1100 h                    | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6000 W/DHP XL OFR | 1000 h   | 1200 h                    | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6500 W/DHP OFR    | 500 h    | 750 h                     | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6500 W/DHP L OFR  | 700 h    | 800 h                     | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6500 W/DHP XL OFR | 900 h    | 1000 h                    | SFaX30-9.5                        | SFa30-7.9                           |
| XBO 6500 W/DHP IX OFR | 1000 h   | 1200 h                    | SFa30-7.9                         | SFaX30-14                           |
| XBO 7000W/DHP OFR     | 400 h    | 500 h                     | SFaX30-9.5                        | SFa30-7.9                           |

Product family datasheet

|                       | Capabilities |                       | Environmental information<br>Information according Art. 33 of EU<br>Regulation (EC) 1907/2006 (REACH) |                                                                                                                                                                                           |
|-----------------------|--------------|-----------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product description   | Cooling      | Burning position      | Date of Declaration                                                                                   | Primary Article Identifier                                                                                                                                                                |
| XBO 1200 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321396433  <br>4052899497962  <br>4062172030472                                                                                                                                       |
| XBO 1600 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899254831  <br>4062172030465                                                                                                                                                          |
| XBO 2000 W/DHP L OFR  | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899275638  <br>4062172030427                                                                                                                                                          |
| XBO 2200 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4008321865489  <br>4062172030373                                                                                                                                                          |
| XBO 2500 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4008321821706  <br>4052899010413  <br>4062172030380                                                                                                                                       |
| XBO 3000 W/DHS OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321199065  <br>4008321330017  <br>4062172030540                                                                                                                                       |
| XBO 3000 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321309532  <br>4008321330048  <br>4008321865496  <br>4052899091818  <br>4052899096073  <br>4052899195783  <br>4052899287785  <br>4052899468191  <br>4062172030410                     |
| XBO 3000 W/DHP L OFR  | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899212886  <br>4052899235908  <br>4052899317277  <br>4062172030502                                                                                                                    |
| XBO 3000 W/DHP XL OFR | Forced       | s15/p15 <sup>2)</sup> | 07-03-2024                                                                                            | 4062172092401                                                                                                                                                                             |
| XBO 4000 W/DHP L OFR  | Forced       | p15/s15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899212879  <br>4052899235915  <br>4052899468214  <br>4062172030403                                                                                                                    |
| XBO 4000 W/DHP LL OFR | Forced       | p15/s15 <sup>2)</sup> | 07-03-2024                                                                                            | 4062172114080                                                                                                                                                                             |
| XBO 4000 W/DHP XL OFR | Forced       | s15/p15 <sup>2)</sup> | 07-03-2024                                                                                            | 4062172092395                                                                                                                                                                             |
| XBO 4000 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321309686  <br>4008321546272  <br>4008321865526  <br>4052899091825  <br>4052899096080  <br>4052899195790  <br>4052899287792  <br>4052899317208  <br>10046135694810  <br>4062172030397 |
| XBO 4500 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321199072  <br>4008321633422  <br>4062172030571                                                                                                                                       |
| XBO 4500 W/DHP L OFR  | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899343344  <br>4062172030588                                                                                                                                                          |

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|                       | Capabilities |                       | Environmental information<br>Information according Art. 33 of EU<br>Regulation (EC) 1907/2006 (REACH) |                                                     |
|-----------------------|--------------|-----------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Product description   | Cooling      | Burning position      | Date of Declaration                                                                                   | Primary Article Identifier                          |
| XBO 6000 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321549693  <br>4052899144026  <br>4062172030663 |
| XBO 6000 W/DHP L OFR  | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899087088  <br>4052899343405  <br>4062172030670 |
| XBO 6000 W/DHP XL OFR | Forced       | s15/p15 <sup>2)</sup> | 07-03-2024                                                                                            | 4062172110839                                       |
| XBO 6500 W/DHP OFR    | Forced       | s15/p15 <sup>2)</sup> | 05-03-2024                                                                                            | 4008321676078  <br>4062172030731                    |
| XBO 6500 W/DHP L OFR  | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899448636  <br>4062172030755                    |
| XBO 6500 W/DHP XL OFR | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4052899593640  <br>4062172031684                    |
| XBO 6500 W/DHP IX OFR | Forced       | h90 <sup>2)</sup>     | 07-07-2023                                                                                            | 4062172363792                                       |
| XBO 7000W/DHP OFR     | Forced       | s15/p15 <sup>2)</sup> | 06-03-2024                                                                                            | 4062172031707                                       |

| Product description  | Candidate List<br>Substance 1 | CAS No. of substance<br>1 | Safe Use Instruction                                                                                              | Declaration No. in<br>SCIP database          |
|----------------------|-------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| XBO 1200 W/DHP OFR   | Lead                          | 7439-92-1                 | The identification of<br>the Candidate List<br>substance is<br>sufficient to allow<br>safe use of the<br>article. | f6cc71e9-adae-4c95-<br>afe0-07d36b5e74f6     |
| XBO 1600 W/DHP OFR   | Lead                          | 7439-92-1                 | The identification of<br>the Candidate List<br>substance is<br>sufficient to allow<br>safe use of the<br>article. | ddc0ca29-d545-<br>4244-bd3d-<br>01657e49e316 |
| XBO 2000 W/DHP L OFR | Lead                          | 7439-92-1                 | The identification of<br>the Candidate List<br>substance is<br>sufficient to allow<br>safe use of the<br>article. | 3cc8eb7d-934b-482f-<br>ade0-0afdb83ac51b     |
| XBO 2200 W/DHP OFR   | Lead                          | 7439-92-1                 | The identification of<br>the Candidate List<br>substance is<br>sufficient to allow<br>safe use of the<br>article. | 5e903ee1-3cc9-40f0-<br>ae95-0a54da9c2b3a     |
| XBO 2500 W/DHP OFR   | Lead                          | 7439-92-1                 | The identification of<br>the Candidate List<br>substance is<br>sufficient to allow<br>safe use of the<br>article. | 2699a8c3-f6d1-<br>4519-a2c4-<br>83464e509907 |

Product family datasheet

| Product description   | Candidate List Substance 1 | CAS No. of substance 1 | Safe Use Instruction                                                                               | Declaration No. in SCIP database                                                                                     |
|-----------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| XBO 3000 W/DHS OFR    | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 0ad1e6ac-a107-4e86-a73c-0a8cdc49edb4   468df0c2-2da9-47b4-a001-357079e3d0c0                                          |
| XBO 3000 W/DHP OFR    | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | A303E60B-72E8-4104-9C0C-1F16ADEED959   2C70619C-7452-40E1-9F11-72C36A77558D     34a49bce-cf7a-477b-8d7b-991718631ed4 |
| XBO 3000 W/DHP L OFR  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 42b5a623-65c3-4fc7-b272-e9973ba1c9ec                                                                                 |
| XBO 3000 W/DHP XL OFR | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 4d1b0324-7408-4c16-afc9-0e4165c645a1                                                                                 |
| XBO 4000 W/DHP L OFR  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | a182c938-75ef-44e7-a0e6-e8e301002b19     ee6fe08d-465e-439d-9156-a1830163f87d                                        |
| XBO 4000 W/DHP LL OFR | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 68536058-a0f0-4f39-8967-a173bfd19c5b                                                                                 |
| XBO 4000 W/DHP XL OFR | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | cc43340f-d501-48a4-97e6-2064cf408c27                                                                                 |
| XBO 4000 W/DHP OFR    | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | ce588d4a-f4ef-4dda-8e54-ddab4457e440     56ff5a8b-6ea4-41c2-bd17-d898f6c185d1                                        |

Product family datasheet

| Product description   | Candidate List Substance 1 | CAS No. of substance 1 | Safe Use Instruction                                                                               | Declaration No. in SCIP database     |
|-----------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|
| XBO 4500 W/DHP OFR    | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 012f940f-18dd-409c-9473-04140360c548 |
| XBO 4500 W/DHP L OFR  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 3de76945-7771-4e03-9280-550799b927c9 |
| XBO 6000 W/DHP OFR    | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 8566eac2-b860-4860-9c27-f7b8e2871b1f |
| XBO 6000 W/DHP L OFR  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e1be3907-8f4f-4d48-b496-86874180bac4 |
| XBO 6000 W/DHP XL OFR | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e98aa7da-cb44-4008-ab03-b605fac43791 |
| XBO 6500 W/DHP OFR    | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 412959b3-e26e-4a82-89ba-3ce9a6fa908b |
| XBO 6500 W/DHP L OFR  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 326fc61e-87e5-491e-a54a-876602402f4a |
| XBO 6500 W/DHP XL OFR | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 0afbcb5a-721a-4942-bd3d-6024b2eff6a3 |
| XBO 6500 W/DHP IX OFR |                            |                        |                                                                                                    | In work                              |

Product family datasheet

| Product description | Candidate List<br>Substance 1 | CAS No. of substance<br>1 | Safe Use Instruction                                                                                              | Declaration No. in<br>SCIP database          |
|---------------------|-------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| XBO 7000W/DHP OFR   | Lead                          | 7439-92-1                 | The identification of<br>the Candidate List<br>substance is<br>sufficient to allow<br>safe use of the<br>article. | 885c4405-74b6-<br>4820-817d-<br>399a936e4918 |

1) Distance from end of base to tip of electrode (cold)  
2) For vertical burning position: anode (+) on top

## Product family datasheet

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### Safety advice

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. Xenon lamps are highly explosive. When hot, xenon lamps can cause burn marks. They should only be handled when the lamp is at room temperature. 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 shield with neck protector, protective jacket and lint-free, cut-resistant gloves). For more information see the relevant in-pack leaflets and operating instructions.

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.