

## XBO DTP for digital cinema projection

XBO品牌短弧氙灯

### 应用领域

- Cinema projection



### 产品特点

- 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



产品系列数据表

技术参数

| 产品描述                  | 电参数       |              | 尺寸和重量   |          |                   |                        |
|-----------------------|-----------|--------------|---------|----------|-------------------|------------------------|
|                       | 标称功率      | 电流控制范围       | 直径      | 长度       | 含灯头长度 (不含针脚/连接装置) | 光中心 (LCL)              |
| XBO 1400 W/DTS OFR    | 1400.00 W | 40...70 安培   | 46.0 mm | 245.0 mm | 202.00 mm         | 100.5 mm <sup>1)</sup> |
| XBO 1600 W/DTS OFR    | 1600.00 W | 50...80 安培   | 46.0 mm | 245.0 mm | 202.00 mm         | 100.5 mm <sup>1)</sup> |
| XBO 1800 W/DTS OFR    | 1800.00 W | 50...83 安培   | 46.0 mm | 245.0 mm | 202.00 mm         | 100.5 mm <sup>1)</sup> |
| XBO 2000 W/DTS OFR    | 2000.00 W | 60...90 安培   | 46.0 mm | 245.0 mm | 202.00 mm         | 100.5 mm <sup>1)</sup> |
| XBO 2000 W/DTP L OFR  | 2000.00 W | 64...95 安培   | 55.0 mm | 397.0 mm | 354.00 mm         | 160.0 mm <sup>1)</sup> |
| XBO 2100 W/DTS OFR    | 2100.00 W | 60...85 安培   | 46.0 mm | 265.0 mm | 222.00 mm         | 120.5 mm <sup>1)</sup> |
| XBO 2300 W/DTS OFR    | 2300.00 W | 60...90 安培   | 46.0 mm | 245.0 mm | 202.00 mm         | 100.5 mm <sup>1)</sup> |
| XBO 3000 W/DTS OFR    | 3000.00 W | 77...113 安培  | 60.0 mm | 335.0 mm | 285.00 mm         | 125.0 mm <sup>1)</sup> |
| XBO 3000 W/DTP OFR    | 3000.00 W | 74...109 安培  | 60.0 mm | 405.0 mm | 354.00 mm         | 160.0 mm <sup>1)</sup> |
| XBO 3000 W/DTP L OFR  | 3000.00 W | 74...109 安培  | 60.0 mm | 397.0 mm | 354.00 mm         | 160.0 mm <sup>1)</sup> |
| XBO 4500 W/DTP OFR    | 4500.00 W | 108...155 安培 | 60.0 mm | 426.0 mm | 383.00 mm         | 165.0 mm <sup>1)</sup> |
| XBO 4500 W/DTP L OFR  | 4500.00 W | 108...155 安培 | 60.0 mm | 426.0 mm | 383.00 mm         | 165.0 mm <sup>1)</sup> |
| XBO 6000 W/DTP OFR    | 6000.00 W | 140...175 安培 | 78.0 mm | 426.0 mm | 383.00 mm         | 165.0 mm <sup>1)</sup> |
| XBO 6000 W/DTP L OFR  | 6000.00 W | 130...166 安培 | 78.0 mm | 426.0 mm | 383.00 mm         | 165.0 mm <sup>1)</sup> |
| XBO 6000 W/DTP XL OFR | 6000.00 W | 130...175 安培 | 78.0 mm | 426.0 mm | 383.00 mm         | 165.0 mm <sup>1)</sup> |

| 产品描述                 | 接线长度  | 冷电极间隙  | 产品重量     | 输入端线缆长度 | 温度           |
|----------------------|-------|--------|----------|---------|--------------|
|                      |       |        |          |         | 夹点处允许的最高环境温度 |
| XBO 1400 W/DTS OFR   | 121.0 | 3.7 mm | 370.00 g |         | 230 °C       |
| XBO 1600 W/DTS OFR   | 121.0 | 3.7 mm | 370.00 g |         | 230 °C       |
| XBO 1800 W/DTS OFR   | 121.0 | 3.7 mm | 370.00 g |         | 230 °C       |
| XBO 2000 W/DTS OFR   | 121.0 | 3.7 mm | 370.00 g |         | 230 °C       |
| XBO 2000 W/DTP L OFR |       | 4.5 mm | 483.00 g |         | 230 °C       |
| XBO 2100 W/DTS OFR   | 121.0 | 3.7 mm | 380.00 g |         | 230 °C       |
| XBO 2300 W/DTS OFR   | 121.0 | 3.7 mm | 370.00 g |         | 230 °C       |
| XBO 3000 W/DTS OFR   |       | 4.8 mm | 520.00 g |         | 230 °C       |
| XBO 3000 W/DTP OFR   |       | 6.0 mm | 558.00 g |         | 230 °C       |
| XBO 3000 W/DTP L OFR |       | 6.0 mm | 536.00 g |         | 230 °C       |
| XBO 4500 W/DTP OFR   |       | 5.8 mm | 783.00 g |         | 230 °C       |

产品系列数据表

| 产品描述                  | 接线长度 | 冷电极间隙  | 产品重量     | 输入端线缆长度 | 温度           |
|-----------------------|------|--------|----------|---------|--------------|
|                       |      |        |          |         | 夹点处允许的最高环境温度 |
| XBO 4500 W/DTP L OFR  |      | 5.8 mm | 783.00 g |         | 230 °C       |
| XBO 6000 W/DTP OFR    |      | 7.5 mm | 920.00 g |         | 230 °C       |
| XBO 6000 W/DTP L OFR  |      | 8.0 mm | 960.00 g |         | 230 °C       |
| XBO 6000 W/DTP XL OFR |      | 8.0 mm | 920.00 g | -       | 230 °C       |

| 产品描述                  | 寿命     | 更多的产品数据                   |             |             |
|-----------------------|--------|---------------------------|-------------|-------------|
|                       | 寿命     | Service Warranty Lifetime | 阳极灯头 (标准名称) | 阴极灯头 (标准名称) |
| XBO 1400 W/DTS OFR    | 3250 h | 3500 h                    | 线缆          | SFc30-20    |
| XBO 1600 W/DTS OFR    | 3250 h | 3500 h                    | 线缆          | SFc30-20    |
| XBO 1800 W/DTS OFR    | 1800 h | 2100 h                    | 线缆          | SFc30-20    |
| XBO 2000 W/DTS OFR    | 1300 h | 1500 h                    | 线缆          | SFc30-20    |
| XBO 2000 W/DTP L OFR  | 3300 h | 4000 h                    | SFa30-14    | SFc30-14    |
| XBO 2100 W/DTS OFR    | 1100 h | 1500 h                    | 线缆          | SFc30-20    |
| XBO 2300 W/DTS OFR    | 1000 h | 1200 h                    | 线缆          | SFc30-20    |
| XBO 3000 W/DTS OFR    | 1200 h | 1500 h                    | SFa30-14    | SFc30-14    |
| XBO 3000 W/DTP OFR    | 1500 h | 2500 h                    | SFa30-14    | SFc30-14    |
| XBO 3000 W/DTP L OFR  | 1900 h | 2800 h                    | SFa30-14    | SFc30-14    |
| XBO 4500 W/DTP OFR    | 1000 h | 1300 h                    | SFa30-14    | SFc30-14    |
| XBO 4500 W/DTP L OFR  | 1300 h | 1500 h                    | SFa30-14    | SFc30-14    |
| XBO 6000 W/DTP OFR    | 600 h  | 750 h                     | SFa30-14    | SFc30-14    |
| XBO 6000 W/DTP L OFR  | 900 h  | 1100 h                    | SFa30-14    | SFc30-14    |
| XBO 6000 W/DTP XL OFR | 1000 h | 1200 h                    | SFa30-14    | SFc30-14    |

| 产品描述                 | 功能 | Environmental information<br>Information according Art. 33 of EU<br>Regulation (EC) 1907/2006 (REACH) |                     |                                                     |
|----------------------|----|-------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|
|                      | 散热 | 燃点位置                                                                                                  | Date of Declaration | Primary Article Identifier                          |
| XBO 1400 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899417793                                       |
| XBO 1600 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899417786                                       |
| XBO 1800 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899343276                                       |
| XBO 2000 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899308862                                       |
| XBO 2000 W/DTP L OFR | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899287884                                       |
| XBO 2100 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899376328                                       |
| XBO 2300 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899359659                                       |
| XBO 3000 W/DTS OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4008321645050  <br>4008321865519  <br>4062172030489 |
| XBO 3000 W/DTP OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 05-03-2024          | 4008321191540  <br>4052899509474                    |
| XBO 3000 W/DTP L OFR | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899430549                                       |
| XBO 4500 W/DTP OFR   | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 05-03-2024          | 4008321372734  <br>4062172031387                    |

产品系列数据表

|                       | 功能 | Environmental information<br>Information according Art. 33 of EU<br>Regulation (EC) 1907/2006 (REACH) |                     |                                                     |
|-----------------------|----|-------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|
| 产品描述                  | 散热 | 燃点位置                                                                                                  | Date of Declaration | Primary Article Identifier                          |
| XBO 4500 W/DTP L OFR  | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899343399  <br>4062172026567  <br>4062172030601 |
| XBO 6000 W/DTP OFR    | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 05-03-2024          | 4008321549709  <br>4052899143975  <br>4062172030700 |
| XBO 6000 W/DTP L OFR  | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 06-03-2024          | 4052899343429  <br>4062172030717                    |
| XBO 6000 W/DTP XL OFR | 强制 | s 15 p 15 <sup>2)</sup>                                                                               | 07-03-2024          | 4062172111652                                       |

| 产品描述                 | Candidate List<br>Substance 1 | CAS No. of substance<br>1 | Safe Use Instruction                                                                                              | Declaration No. in<br>SCIP database          |
|----------------------|-------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| XBO 1400 W/DTS 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. | 44c9ce65-f5ed-44dd-<br>a504-39f577e463b2     |
| XBO 1600 W/DTS 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. | 6ce18136-8e41-<br>4ce4-8ffe-<br>a9270a50dd0e |
| XBO 1800 W/DTS 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. | 769ad45d-8aa4-<br>41da-95d2-<br>7a202cd96d40 |
| XBO 2000 W/DTS 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. | 66491b7e-039c-<br>4c96-989f-<br>136b5a44c8aa |
| XBO 2000 W/DTP 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. | 2ae32466-4952-<br>4d1e-97cf-<br>88f3fdb3f387 |
| XBO 2100 W/DTS 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. | 4b279723-394c-<br>4c44-8a7d-<br>8804506cabf5 |

产品系列数据表

| 产品描述                  | Candidate List<br>Substance 1 | CAS No. of substance<br>1 | Safe Use Instruction                                                                               | Declaration No. in<br>SCIP database  |
|-----------------------|-------------------------------|---------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------|
| XBO 2300 W/DTS OFR    | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | bccb6f98-b1df-4b09-9777-7d0c95b57df6 |
| XBO 3000 W/DTS OFR    | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 78e1128f-b105-4cf7-b75e-d67dd1f18348 |
| XBO 3000 W/DTP OFR    | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | cdf74e98-4a09-4bdf-8cd1-2fd9bd8791fb |
| XBO 3000 W/DTP L OFR  | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 7f64dd22-3fef-4f43-9687-e059a2780381 |
| XBO 4500 W/DTP OFR    | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 782fd8ec-c849-4938-8aa7-c7e3cf98de9b |
| XBO 4500 W/DTP L OFR  | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e3531c7a-3edc-44b5-9af1-e8897b026c25 |
| XBO 6000 W/DTP OFR    | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e4f4b242-7a8c-498b-b228-5826958e5b02 |
| XBO 6000 W/DTP L OFR  | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | f6d89da4-51dd-4635-9c45-ab11c9570709 |
| XBO 6000 W/DTP XL OFR | Lead                          | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | e4fe5722-8080-4b1b-84a7-cff7b12548e4 |

产品系列数据表

- 1) 灯头末端至电极(冷)末梢距离
- 2) 垂直燃点位置: 正极(+)位于上端

## 产品系列数据表

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### 安全建议

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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### 应用建议

更多详细应用信息和图形,请参阅产品数据表。

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### 免责声明

更改恕不另行通知。遗漏错误不承担任何责任。总是确保使用最新的信息。