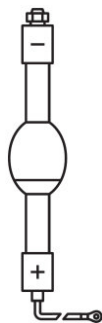


HBO-IC Microlithography lamps for other systems

Microlithography lamps for other systems



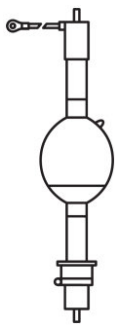
327095\_HBO 3500WMR



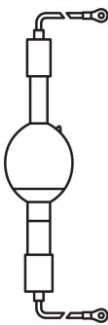
327103\_HBO 5000WMF



产品系列数据表



327105\_HBO 5000WS



327107\_HBO 5000WTA



327109\_HBO 5001WF

产品系列数据表

技术参数

| 产品描述                        | 电参数   |          |      |          |                     | 尺寸和重量   |         |
|-----------------------------|-------|----------|------|----------|---------------------|---------|---------|
|                             | 标称电压  | 标称电流     | 电流类型 | 额定功率     | 标称功率                | 直径      | 长度      |
| HBO 201 W/HS-D2             | 250 V | 800 安培   | DC   | 20000 W  | 200.00 W            | 200 mm  | 1500 mm |
| HBO 250 W/LS                | 390 V | 64 安培    | DC   | 25000 W  | 25000 W             | 200 mm  | 1470 mm |
| HBO 350 W <sup>1)</sup>     | 675 V | 53 安培    | DC   | 35000 W  | 35000 W             | 200 mm  | 1280 mm |
| HBO 350 W/S                 | 680 V | 515 安培   | DC   | 35000 W  | 35000 W             | 200 mm  | 1270 mm |
| HBO 1000 W/D                | 377 V | 2650 安培  | DC   | 100000 W | 100000 W            | 400 mm  | 2400 mm |
| HBO 500 W/A <sup>2)</sup>   | 600 V | 83 安培    | DC   | 50000 W  | 50000 W             | 290 mm  | 1900 mm |
| HBO 500 W/B <sup>2)</sup>   | 485 V | 103 安培   | DC   | 50000 W  | 50000 W             | 290 mm  | 1750 mm |
| HBO 1000...1750 W/NIL       | 260 V | 67 安培    | DC   | 175000 W | 100000 ... 175000 W | 9990 mm | 2320 mm |
| HBO 2000...2700 W/CIL       | 260 V | 11000 安培 | DC   | 270000 W | 200000 ... 270000 W |         | 3320 mm |
| HBO 3500 W/MR               | 620 V | 56 安培    | DC   | 350000 W | 350000 W            | 700 mm  | 2900 mm |
| HBO 3500 W/HK               | 550 V | 63 安培    | DC   | 350000 W | 350000 W            | 700 mm  | 2800 mm |
| HBO 5000 W/HK               | 700 V | 72 安培    | DC   | 500000 W | 500000 W            | 820 mm  | 3550 mm |
| HBO 5000 W/MF <sup>3)</sup> | 500 V | 10000 安培 | DC   | 500000 W | 500000 W            | 800 mm  | 3600 mm |
| HBO 5000 W/S <sup>3)</sup>  | 500 V | 100 安培   | DC   | 500000 W | 500000 W            | 800 mm  | 3600 mm |
| HBO 5000 W/TA <sup>3)</sup> | 500 V | 10000 安培 | DC   | 500000 W | 500000 W            |         | 3580 mm |
| HBO 5001 W/F                | 620 V | 80 安培    | DC   | 500000 W | 5000.00 W           | 8500 mm | 4900 mm |

| 产品描述                        | 冷电极间隙  | 含灯头长度 (不含针脚/连接装置) | 光中心 (LCL)              | 功能                  |
|-----------------------------|--------|-------------------|------------------------|---------------------|
|                             |        |                   |                        | 燃点位置                |
| HBO 201 W/HS-D2             | 2.0 mm |                   |                        | Other <sup>4)</sup> |
| HBO 250 W/LS                | 2.0 mm | 127.00 mm         | 62.0 mm <sup>5)</sup>  | Other <sup>7)</sup> |
| HBO 350 W <sup>1)</sup>     | 3.0 mm |                   |                        | Other <sup>7)</sup> |
| HBO 350 W/S                 | 3.0 mm | 127.00 mm         | 52.5 mm <sup>5)</sup>  | Other <sup>7)</sup> |
| HBO 1000 W/D                | 3.0 mm | 208.00 mm         | 89.5 mm <sup>5)</sup>  | Other <sup>7)</sup> |
| HBO 500 W/A <sup>2)</sup>   | 4.5 mm |                   |                        | Other <sup>7)</sup> |
| HBO 500 W/B <sup>2)</sup>   | 3.0 mm |                   |                        | Other <sup>7)</sup> |
| HBO 1000...1750 W/NIL       |        |                   |                        | Other               |
| HBO 2000...2700 W/CIL       |        |                   |                        | Other               |
| HBO 3500 W/MR               | 7.0 mm |                   |                        | Other <sup>7)</sup> |
| HBO 3500 W/HK               | 7.0 mm |                   |                        | Other <sup>4)</sup> |
| HBO 5000 W/HK               | 7.5 mm | 302.00 mm         | 152.5 mm <sup>5)</sup> | Other <sup>7)</sup> |
| HBO 5000 W/MF <sup>3)</sup> | 7.5 mm | 318.00 mm         | 143.5 mm <sup>5)</sup> | Other <sup>4)</sup> |
| HBO 5000 W/S <sup>3)</sup>  | 7.5 mm | 360.00 mm         | 143.5 mm <sup>5)</sup> | Other <sup>4)</sup> |
| HBO 5000 W/TA <sup>3)</sup> | 7.5 mm | 329.50 mm         | 148.5 mm <sup>5)</sup> | Other <sup>4)</sup> |

产品系列数据表

| 产品描述         | 冷电极间隙  | 含灯头长度 (不含针脚/连接装置) | 光中心 (LCL)              | 功能                  |
|--------------|--------|-------------------|------------------------|---------------------|
|              |        |                   |                        | 燃点位置                |
| HBO 5001 W/F | 7.5 mm | 430.00 mm         | 216.0 mm <sup>5)</sup> | Other <sup>7)</sup> |

|                             |                  | Environmental information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                               |                            |
|-----------------------------|------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------|
| 产品描述                        | 散热               | Date of Declaration                                                                                | Primary Article Identifier                    | Candidate List Substance 1 |
| HBO 201 W/HS-D2             |                  | 05-03-2024                                                                                         | 4050300591940                                 | Lead                       |
| HBO 250 W/LS                | 对流 <sup>6)</sup> | 05-03-2024                                                                                         | 4008321336668   4052899514843                 | Lead                       |
| HBO 350 W <sup>1)</sup>     |                  | 05-03-2024                                                                                         | 4050300351599                                 | Lead                       |
| HBO 350 W/S                 | 对流 <sup>8)</sup> | 05-03-2024                                                                                         | 4050300258041   4052899528192                 | Lead                       |
| HBO 1000 W/D                | 对流               | 05-03-2024                                                                                         | 4050300288857   4062172370745                 | Lead                       |
| HBO 500 W/A <sup>2)</sup>   |                  | 05-03-2024                                                                                         | 4050300021089                                 | Lead                       |
| HBO 500 W/B <sup>2)</sup>   |                  | 05-03-2024                                                                                         | 4050300275819                                 | Lead                       |
| HBO 1000...1750 W/NIL       |                  | 05-03-2024                                                                                         | 4050300882482                                 | Lead                       |
| HBO 2000...2700 W/CIL       |                  | 05-03-2024                                                                                         | 4050300882512                                 | Lead                       |
| HBO 3500 W/MR               |                  | 05-03-2024                                                                                         | 4050300628301                                 | Lead                       |
| HBO 3500 W/HK               |                  | 05-03-2024                                                                                         | 4050300628349   4008321546197                 | Lead                       |
| HBO 5000 W/HK               | 强制 <sup>9)</sup> | 05-03-2024                                                                                         | 4050300897585                                 | Lead                       |
| HBO 5000 W/MF <sup>3)</sup> | 强制 <sup>9)</sup> | 05-03-2024                                                                                         | 4050300772264   4052899247994                 | Lead                       |
| HBO 5000 W/S <sup>3)</sup>  | 强制 <sup>9)</sup> | 05-03-2024                                                                                         | 4008321147875   4008321147899   4062172213486 | Lead                       |
| HBO 5000 W/TA <sup>3)</sup> | 强制 <sup>9)</sup> | 05-03-2024                                                                                         | 4050300772240                                 | Lead                       |
| HBO 5001 W/F                | 强制 <sup>9)</sup> | 05-03-2024                                                                                         | 4050300553016                                 | Lead                       |

| 产品描述            | CAS No. of substance 1 | Safe Use Instruction                                                                               | Declaration No. in SCIP database                                            |
|-----------------|------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| HBO 201 W/HS-D2 | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 0e66b0e9-1432-4003-8cc4-4d3a9d357685                                        |
| HBO 250 W/LS    | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 872b1190-ab05-48f3-8283-61ef79b983c3   c2f27551-e9f2-44a8-9229-f4eeb5f6fb66 |

产品系列数据表

| 产品描述                      | CAS No. of substance<br>1 | Safe Use Instruction                                                                               | Declaration No. in<br>SCIP database                                         |
|---------------------------|---------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| HBO 350 W <sup>1)</sup>   | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 69139dd2-ff81-43c7-bcfa-b84bcd0b9cc1                                        |
| HBO 350 W/S               | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 664a7846-47f2-4d61-8323-e72e69aa88b3                                        |
| HBO 1000 W/D              | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | a7ed535d-b58b-40ea-8c22-64880ddaa6bb                                        |
| HBO 500 W/A <sup>2)</sup> | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 454e0682-41e1-4c7d-a6fb-66d0753e0edc                                        |
| HBO 500 W/B <sup>2)</sup> | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 5f991f9f-8f20-4d97-8224-80639ee6776f                                        |
| HBO 1000...1750 W/NIL     | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | a984866f-9f99-4b20-86a3-b1baed8b09ef                                        |
| HBO 2000...2700 W/CIL     | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | d783c71f-58f5-4a61-837e-b4b781fd3991                                        |
| HBO 3500 W/MR             | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 17abf204-4183-4567-b724-a13eff07fd7a                                        |
| HBO 3500 W/HK             | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 9e83d6f9-1434-4cc3-823e-05a65726cf8e   43786f93-bbf9-4419-bc65-ce101b279063 |

产品系列数据表

| 产品描述                        | CAS No. of substance<br>1 | Safe Use Instruction                                                                               | Declaration No. in<br>SCIP database                                         |
|-----------------------------|---------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| HBO 5000 W/HK               | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | db52bb49-e4f0-495f-9c4a-2e113c01961f                                        |
| HBO 5000 W/MF <sup>3)</sup> | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 026d4f20-6678-4452-8959-076527d7602a   56104d2b-53c0-4c9e-a751-6d8f2033b8f6 |
| HBO 5000 W/S <sup>3)</sup>  | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | df72245a-57ed-42fb-90a2-5ca3c09b618d   c0d6f8d6-6d7d-4632-96fe-32aacce2ee6a |
| HBO 5000 W/TA <sup>3)</sup> | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | d85e2c98-ac1c-41a5-8096-8ada8888ead0                                        |
| HBO 5001 W/F                | 7439-92-1                 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | F53E86C1-B9C8-4685-B790-15AE3F0950FA                                        |

1) 灯适用于脉冲操作在250...500 W之间恒定功率运行的最大许可电源是350 W循环周期12小时开/30分钟关

2) 循环周期12小时开/30分钟关

3) 灯泡包含在低温情况下的超压-增加的安全法规, 针对灯泡, 必须使用。请仔细阅读技术报告DO-SEM TB 004

4) 正极位于上端

5) 灯头末端至阳极或阴极(冷)末梢距离

6) 灯座处最高温度: 230 °C

7) 正极位于下端

8) 负极灯座带冷却叶片

9) 灯座处最高温度: 200 °C

## 产品系列数据表

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### 安全建议

由于HBO灯的亮度高、紫外线辐射高、内压高（加热时），所有它只能在专为此目的设计的密闭外壳内工作。如果灯破裂，会释放水银。必须采取特定的安全措施。更多信息可根据要求索要，或可在与灯一起随附的宣传单或操作指示中查找。

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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。