

## OSRAM BLUE UV-A



### Areas of application

- Insect Traps
- Cosmetic nail curing
- Manufacture of printed circuit boards
- Tempering and curing of photosensitive material
- Fluorescent exciter for scientific and criminological investigations
- Manufacture of dental prosthetics
- Testing of banknotes and credit cards
- Terrarium illumination

### Product features and benefits

- Eco-friendly and chemical-free
- High quality and long service life
- Emits effective long-wave UVA
- Different form factors enable freedom of design
- Ideal for insect traps and other UVA applications
- RoHS-compliant
- Lead-free
- Low mercury content





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HNS S

Product family datasheet

Technical data

| General Product Information      |                           |                                   |              |                        |
|----------------------------------|---------------------------|-----------------------------------|--------------|------------------------|
| Product description              | Product number (Americas) | Product name (Americas)           | Family brand | Global order reference |
| DULUX S BL UVA 9 W/78            | 21299                     | Dulux S 9W/78 BL UVA 10/CS 1/SKU  | Blacklight   | DULUX S BL UVA 9 W/78  |
| DULUX S BL UVA 11 W/78           |                           |                                   |              | DULUX S BL UVA 11 W/78 |
| DULUX S BL 9 W/71 <sup>1)</sup>  | 54543                     | DULUX S BLUE 9W/71 50/CS 1/SKU    | Dulux S      | DULUX S BL 9 W/71      |
| DULUX L BL 18 W/71 <sup>2)</sup> | 23353                     | DULUX L 18W/71 10/CS 1/SKU        |              | DULUX L BL 18 W/71     |
| DULUX L BL UVA 18 W/78           | 56906                     | DULUX L 18W78 10/CS 1/SKU         |              | DULUX L BL UVA 18 W/78 |
| DULUX L BL UVA 24 W/78           |                           |                                   |              | DULUX L BL UVA 24 W/78 |
| DULUX L BL UVA 36 W/78           | 59986                     | DULUXLBLUEUVA36 W78 10/CS 1/SKU   |              | DULUX L BL UVA 36 W/78 |
| DULUX L BL UVA 55 W/78           | 54341                     | DULUX L BL UVA 55W/78 10/CS 1/SKU | Blacklight   | DULUX L BL UVA 55 W/78 |
| L BLUE UVA 8 W/78 G5             |                           |                                   |              | L BLUE UVA 8 W/78 G5   |
| L BLUE UVA 15 W/78 G13           |                           |                                   |              | L BLUE UVA 15 W/78 G13 |
| L BLUE UVA 15 W/78 G5            |                           |                                   |              | L BLUE UVA 15 W/78 G5  |
| L BLUE UVA 18 W/78               |                           |                                   |              | L BLUE UVA 18 W/78     |

| Product description              | Electrical Data |                 | Photometric Data   |                                   |
|----------------------------------|-----------------|-----------------|--------------------|-----------------------------------|
|                                  | Nominal wattage | Nominal voltage | Luminous intensity | Radiated power 315...400 nm (UVA) |
| DULUX S BL UVA 9 W/78            | 9 W             | 60 V            | 7800 cd            | 1.5 W                             |
| DULUX S BL UVA 11 W/78           | 11 W            | 90 V            | 7800 cd            | 1.8 W                             |
| DULUX S BL 9 W/71 <sup>1)</sup>  | 9 W             | 60 V            | 7800 cd            | -                                 |
| DULUX L BL 18 W/71 <sup>2)</sup> | 18 W            | 59.0 V          | 7800 cd            | -                                 |
| DULUX L BL UVA 18 W/78           | 18 W            | 61 V            | 7800 cd            | 3.0 W                             |
| DULUX L BL UVA 24 W/78           | 24 W            | 87 V            | 7800 cd            | 5.3 W                             |
| DULUX L BL UVA 36 W/78           | 36 W            | 106 V           | 7800 cd            | 7.9 W                             |
| DULUX L BL UVA 55 W/78           | 55 W            | 101 V           | 7800 cd            | 12.0 W                            |
| L BLUE UVA 8 W/78 G5             | 8 W             | 56 V            | 7800 cd            | 1.6 W                             |
| L BLUE UVA 15 W/78 G13           | 15 W            | 55 V            | 7800 cd            | 4.0 W                             |
| L BLUE UVA 15 W/78 G5            | 15 W            | 56 V            | 7800 cd            | 3.1 W                             |
| L BLUE UVA 18 W/78               | 18 W            | 55 V            | 7800 cd            | 4.7 W                             |

|                       |                       |                   |                          | Physical Attributes & Dimensions |
|-----------------------|-----------------------|-------------------|--------------------------|----------------------------------|
| Product description   | Nominal luminous flux | Color temperature | Color rendering index Ra | Lamp base                        |
| DULUX S BL UVA 9 W/78 |                       |                   |                          | G23                              |

Product family datasheet

|                                  |                       |                   |                          | Physical Attributes & Dimensions |
|----------------------------------|-----------------------|-------------------|--------------------------|----------------------------------|
| Product description              | Nominal luminous flux | Color temperature | Color rendering index Ra | Lamp base                        |
| DULUX S BL UVA 11 W/78           |                       |                   |                          | G23                              |
| DULUX S BL 9 W/71 <sup>1)</sup>  |                       |                   |                          | G23                              |
| DULUX L BL 18 W/71 <sup>2)</sup> |                       |                   |                          | 2G11                             |
| DULUX L BL UVA 18 W/78           |                       |                   |                          | 2G11                             |
| DULUX L BL UVA 24 W/78           |                       |                   |                          | 2G11                             |
| DULUX L BL UVA 36 W/78           | 2900 lm               | 4000 K            | 80-89                    | 2G11                             |
| DULUX L BL UVA 55 W/78           |                       |                   |                          | 2G11                             |
| L BLUE UVA 8 W/78 G5             |                       |                   |                          | G5                               |
| L BLUE UVA 15 W/78 G13           |                       |                   |                          | G13                              |
| L BLUE UVA 15 W/78 G5            |                       |                   |                          | G5                               |
| L BLUE UVA 18 W/78               |                       |                   |                          | G13                              |

| Product description              | Operating Conditions | Lifetime Data    | Environmental & Regulatory Information<br>Information according Art. 33 of EU<br>Regulation (EC) 1907/2006 (REACH) |                                                                             |
|----------------------------------|----------------------|------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|                                  | Burning position     | Nominal lifetime | Primary article identifier                                                                                         | Declaration no. in SCIP database                                            |
| DULUX S BL UVA 9 W/78            | s180                 | 5000 hr          | 4052899125094                                                                                                      | 23452901-3a71-45c8-b586-976562ba1478                                        |
| DULUX S BL UVA 11 W/78           | s180                 | 5000 hr          | 4052899037885                                                                                                      | 24dbbd8c-84a2-4359-8c5a-e00f19910ea6                                        |
| DULUX S BL 9 W/71 <sup>1)</sup>  | s180                 | 5000 hr          | 4008321198860                                                                                                      | 62902106-194b-4cd8-8f69-c438b4ad25b1                                        |
| DULUX L BL 18 W/71 <sup>2)</sup> | s180                 | 1000 hr          | 4008321198884                                                                                                      | 3da54281-50a4-475a-a2fa-b0243ed80600                                        |
| DULUX L BL UVA 18 W/78           | s180                 | 1000 hr          | 4008321198990                                                                                                      | 98d6bb3c-2ca7-4ff0-a0b3-1e6a0c14f27c                                        |
| DULUX L BL UVA 24 W/78           | s180                 | 5000 hr          | 4052899037984                                                                                                      | eb373377-7b31-4f99-9646-7c87f8305098                                        |
| DULUX L BL UVA 36 W/78           | s180                 | 5000 hr          | 4008321875303                                                                                                      | 17a39cf0-987c-4705-b515-e4bc072f44a0                                        |
| DULUX L BL UVA 55 W/78           | s180                 | 9000 hr          | 4008321894618                                                                                                      | 680de32d-ab57-4fca-937f-c3d8432fc3e1                                        |
| L BLUE UVA 8 W/78 G5             | s180                 | 5000 hr          | 4052899304574   4052899077355                                                                                      | c8d8a6b3-3066-4c32-85a5-75a8433ec669   61a6dedf-b508-41ff-a68a-5dc651517c7b |

Product family datasheet

|                        | Operating Conditions | Lifetime Data    | Environmental & Regulatory Information<br>Information according Art. 33 of EU<br>Regulation (EC) 1907/2006 (REACH) |                                                                                                                    |
|------------------------|----------------------|------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Product description    | Burning position     | Nominal lifetime | Primary article identifier                                                                                         | Declaration no. in SCIP database                                                                                   |
| L BLUE UVA 15 W/78 G13 | s180                 | 5000 hr          | 4052899290631   4008321880482                                                                                      | 456910b9-a3a6-4971-9273-773791b8749a   5c976211-658b-4f97-b5a0-91a82bca6206   6156e870-dcc5-49d2-a800-ad2198aba78c |
| L BLUE UVA 15 W/78 G5  | s180                 | 5000 hr          | 4052899077386   4052899289796                                                                                      | ea6ba1c7-642e-46ce-8a1b-f643f382e033   7eb6515e-b2e9-48e3-9fdf-ada97f6d58f7   b14176ac-a27d-4595-8f29-725b6791ffd7 |
| L BLUE UVA 18 W/78     | s180                 | 5000 hr          | 4008321880468   4052899290655                                                                                      | 975e0196-225e-4fd6-96ac-64a27427deef   45aaf144-c8b2-4ad6-9e90-bf562f6c1931                                        |

| Product description              | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction                                                                               |
|----------------------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| DULUX S BL UVA 9 W/78            | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| DULUX S BL UVA 11 W/78           | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| DULUX S BL 9 W/71 <sup>1)</sup>  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| DULUX L BL 18 W/71 <sup>2)</sup> | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

Product family datasheet

| Product description    | Candidate list substance 1 | CAS No. of substance 1 | Safe use instruction                                                                               |
|------------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| DULUX L BL UVA 18 W/78 | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| DULUX L BL UVA 24 W/78 | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| DULUX L BL UVA 36 W/78 | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| DULUX L BL UVA 55 W/78 | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| L BLUE UVA 8 W/78 G5   | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| L BLUE UVA 15 W/78 G13 | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| L BLUE UVA 15 W/78 G5  | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| L BLUE UVA 18 W/78     | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

1) 2.3 W at 400...550 nm

2) 4.2 W at 400...550 nm

## Product family datasheet

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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.