

## Blacklight BL368 Linear T12

F20W/T12/BL368

0000361



### Range Features

- BL368 tubes emit an upgraded highly concentrated radiation with peak around 368 nm. Flying insects eye sensitivity is generally at or near this frequency
- 100% improvement in effectiveness (at 368nm)
- Depreciation of UV-A output over time is significantly reduced (80% at 5000hrs of original 100 hour output)
- Performs longer and better throughout the insect season
- Same shape, structural and electrical characteristics and control circuits as standard T12, T8 or T5 tubes
- Applications
- Insect traps, insect attraction is strongly increased
- Restaurants, kitchens, food shops, supermarkets
- Diazo printing machines
- Photo Polymerisation
- Chemical processing
- Mineral detection
- Various technical applications
- Directions for use
- Maximum exposure limits are set by EN60335-2-59:1997 at an effective 1.0 milliWatt per metre squared (1.0 mW/m<sup>2</sup>) measured at a distance of 1 metre originally based on the recommendations of the National Radiological Protection Board in the UK. The irradiance value for a single BL368-lamp measured without reflector and/or fixture, in free air at 25 celsius, is varying between 0.2 and 0.4 mW/m<sup>2</sup> depending on the wattage



### PRODUCT OVERVIEW

|                        |               |
|------------------------|---------------|
| Lamp finish            | Coated        |
| Lamp shape             | Tubular       |
| Colour temperature (K) | UV-A lamp     |
| Dimmable               | Yes           |
| EAN code               | 5410288003610 |
| Cap/Base               | G13           |
| Type                   | BL368         |
| Watt (Nominal) (W)     | 20            |
| Ordering number        | 0000361       |
| Technology             | Fluorescent   |
| Voltage (V)            | 57            |

### DATA TABLE

General data

|                            |       |
|----------------------------|-------|
| Average life (Nominal) (h) | 10000 |
|----------------------------|-------|

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|                                  |  |
|----------------------------------|--|
| <b>Control gear required</b>     | Yes  |
| <b>Lamp finish</b>               | Coated   |
| <b>Lamp shape</b>                | Tubular  |
| <b>Dimmable</b>                  | Yes  |
| <b>EAN code</b>                  | 5410288003610  |
| <b>Fixture rating</b>            | Open   |
| <b>General application</b>       | Retail; Hospitality; Logistics and Industry; Museums; Education; Office; Residential & Consumer  |
| <b>IEC Reference</b>             | IEC 60081  |
| <b>IEC Reference 2</b>           | IEC 61195  |
| <b>Intended purpose</b>          | Special lighting   |
| <b>Cap/Base</b>                  | G13  |
| <b>Lamp mercury content (mg)</b> | 10   |
| <b>Type</b>                      | BL368  |
| <b>Ordering number</b>           | 0000361  |
| <b>Range features</b>            | <p>BL368 tubes emit an upgraded highly concentrated radiation with peak around 368 nm. Flying insects eye sensitivity is generally at or near this frequency</p> <p>100% improvement in effectiveness (at 368nm)</p> <p>Depreciation of UV-A output over time is significantly reduced (80% at 5000hrs of original 100 hour output)</p> <p>Performs longer and better throughout the insect season</p> <p>Same shape, structural and electrical characteristics and control circuits as standard T12,T8 or T5 tubes</p> <p>Applications</p> <p>Insect traps, insect attraction is strongly increased</p> <p>Restaurants, kitchens, food shops, supermarkets</p> <p>Diazo printing machines</p> <p>Photo Polymerisation</p> <p>Chemical processing</p> <p>Mineral detection</p> <p>Various technical applications</p> <p>Directions for use</p> <p>Maximum exposure limits are set by EN60335-2-59:1997 at an effective 1.0 milliWatt per metre squared (1.0 mW/m<sup>2</sup>) measured at a distance of 1 metre originally based on the recommendations of the National Radiological Protection Board in the UK. The irradiance value for a single BL368-lamp measured without reflector and/or fixture, in free air at 25 celsius, is varying between 0.2 and 0.4 mW/m<sup>2</sup> depending on the wattage</p> |
| <b>Product name</b>              | F20W/T12/BL368   |
| <b>Special purpose lamp</b>      | Yes  |
| <b>Technology</b>                | Fluorescent  |
| <b>Transformer required</b>      | No   |
| <b>Sales pack quantity</b>       | 25   |
| <b>E-number FI</b>               | 4940433  |

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### Optical data

|                               |           |
|-------------------------------|-----------|
| <b>Colour temperature (K)</b> | UV-A lamp |
|-------------------------------|-----------|

### Electrical data

|                           |      |
|---------------------------|------|
| <b>Current (A)</b>        | 0.37 |
| <b>Watt (Nominal) (W)</b> | 20   |
| <b>Watt (Rated) (W)</b>   | 20   |
| <b>Voltage (V)</b>        | 57   |

### Physical data

|   |                       |
|---|-----------------------|
| <b>Max. Lamp Diameter (mm) - D</b>                | 38                    |
| <b>Lamp Length (mm) - C/L</b>                     | 604                   |
| <b>Length base to base (mm) - A</b>               | 589.8                 |
| <b>Length base to pin Min-Max - B</b>             | 594.5-596.9           |
| <b>Single packaging type</b>                      | Box/Sleeve            |
| <b>Weight (kg)</b>                                | 0.14                  |
| <b>Outer package dimensions (L x W x H) (cm)</b>  | 63.00 x 22.00 x 21.00 |
| <b>Single package dimensions (L x W x H) (cm)</b> | 60.30 x 4.30 x 4.10   |

## TECHNICAL DRAWINGS

