

## Blacklight BL368 Linear & Circline

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

Ordering number	0000361
Lamp shape	Tubular
Lamp finish	Coated
Dimmable	Yes
Cap/Base	G13
Type	T12-Special
EAN code	5410288003610
Watt (Nominal) (W)	20
Voltage (V)	57

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### DATA TABLE

#### General data

<b>Ordering number</b>	0000361
<b>Average life (Nominal) (h)</b>	10000
<b>Lamp shape</b>	Tubular
<b>Lamp finish</b>	Coated
<b>Dimmable</b>	Yes
<b>Cap/Base</b>	G13
<b>Type</b>	T12-Special
<b>EAN code</b>	5410288003610
<b>E-number FI</b>	4940433
<b>Long description</b>	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
<b>Product name</b>	F20W/T12/BL368
<b>Lamp mercury content (mg)</b>	10
<b>Control gear required</b>	Yes
<b>Fixture rating</b>	Open
<b>IEC Reference</b>	IEC 60081
<b>IEC Reference 2</b>	IEC 61195
<b>Special purpose lamp</b>	Yes
<b>Transformer required</b>	No
<b>Sales pack quantity</b>	25

#### Electrical data

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

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*F20W/T12/BL368*

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## Physical data

<b>Weight (kg)</b>	0.14
<b>Length base to base (mm) - A</b>	589.8
<b>Length base to pin Min-Max - B</b>	594.5-596.9
<b>Lamp Length (mm) - C/L</b>	604
<b>Lamp Diameter (mm) - D</b>	38

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### TECHNICAL DRAWINGS

