

UV222 Linear

222 nm | Compatible with LAF systems | Flicker-free light

General product specifications

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| Dimensions | 930 x 75 x 50 mm (36.61 x 2.95 x 1.97 in) |
| Weight | 2.3 kg (5.07 lbs) |
| Input voltage | 80–264 V AC |
| Max power consumption | 60 W |
| Power/data lead | 3 x 0.5 mm ² (22 AWG) + 2 pair twisted data |
| Operating temperature | 0° to + 40° C (32° to + 104° F) |
| Ambient humidity | 5–90% RH Non condensing |
| Materials | Aluminium, Quartz glass ¹ , Polycarbonate |
| IP class | IP54 |

Far-UVC light source specifications

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| Light source | Krypton Chloride Excimer Lamp |
| Wavelength | 222 nm |
| Output | 115 mW (Typical) |
| Beam angle | 60° |
| Mode (programmable) | Continuous / Duty cycle / Motion activated |
| Lifetime | 17,500 hours (ON time) |

LED light specifications

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| Light source | LED, flicker-free |
| Output | 5,500 Lm |
| Color temperature | 4,000 K |
| Beam angle | 120° |
| Color Rendering Index (CRI) | >90 |
| Efficiency | 138 Lm/W |
| Lumen maintenance (L70) | 61,000 hours |

1. Chemically-inert, non-porous, transparent quartz glass with high-temperature resistance.

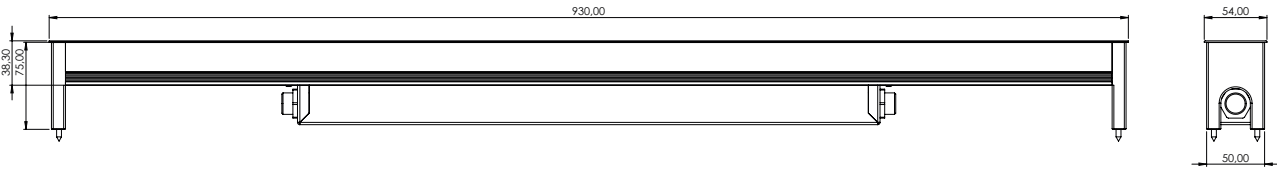
UV222 Linear

Gallery:

Light with 90 CRI and 4,000 K, which produces true and distinct colours

Far UV-C light sources

Light on



UV222 Linear

In compliance with:



International Standard

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| RoHS Directive 2011/65/EU and amendments | Directive of the European Parliament and of the council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. |
| LVD 2014/35/EU | Directive of the European Parliament and of the council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limit. |
| EMC Directive 2014/30/EU | Directive of the European Parliament and of the council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility. |
| RoHS | EN 50581:2012 Technical documentation for the assessment of electrical and electronic product with respect to the restriction of hazardous substances. |
| LVD | EN 60335-2-65:2003 + A1:2008 + A11:20012 Household and similar electrical appliances - Safety- Part 2-65: Particular requirements for air-cleaning appliances. EN 60335-1:2012 + A11:2014 + A13:2017 Household and similar electrical appliances - Safety- Part 1: General requirements. |
| EMC | EN 62233:2008 Measurement methods for electromagnetic fields of household appliances and similar apparatus about human exposure. EN61000-3-2:2014 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current: 16 A per phase). EN61000-3-3:2013 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current: 16 A per phase and not subjected to conditional connection. EN 55014-1:2017 Electromagnetic compatibility- Requirements for household appliances, electric tools, and similar apparatus - Part 1: Emission. EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools, and similar apparatus - part 2: Immunity - Product family standard. |
| ISO 15858 | UV-C Devices – Safety information – permissible human exposure. |
| IEC 62471 | Photobiological safety of lamps and lamp systems. |
| IEC PAS 63313 ED1 | Position statement on germicidal UV-C irradiation - UV-C safety guidelines (see Global Lighting Association). |

International Guidelines

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| ACGIH® (American Conference of Governmental Industrial Hygienists) | 2021 and 2022 TLV (Threshold Limit Values) & BEI (Biological Exposure Indices) for chemical substances and physical agents. |
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