

TECHNICAL DATA SHEET
UVL 00 – UV CURING LAMP

Description:

Finixa UV curing lamp is a rechargeable UV curing light developed with the latest ultra-hi-flux UV-A LED technology with custom-designed optics to provide more efficient and faster curing for all automotive repair and industrial refinishing work that uses ultraviolet light curable putties, fillers, primers and clear coats.



Electrical specifications:

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|----------------------------|-----------------------------------|
| Battery Type | Li-Ion – 11.1V – 5200mAh, 57.72Wh |
| Battery Supply voltage (V) | 110 - 230V, 15V 1.5A |
| Battery charging time | 3 hours |
| Battery running time | 90 minutes (max per cycle 10') |

Technical Specifications:

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|-------------------------|---|
| Light source | High power UV LED |
| Wavelength (nm) | 395nm (UV-A only) |
| LED light wattage | 66 Watts |
| LED lifetime | 40000 hours |
| Lamp weight | 0.9kg (2 Lbs) |
| Lamp size | 159 x 223 x 77mm (6.26" x 8,78" x 3.03") |
| Lamp body material | Aluminum & Polyamide |
| Colling system | Passive thermal management system enhanced with fan |
| Thermal safety system | Auditive clicks 100ms |
| Distance control system | 1cm – 400cm (0.39" – 157.48") |

Curing:

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|--------------------|------------------------|
| Curing distance | 50mm (2") |
| Curing area | 100 x 100mm (4" x 4") |
| Average irradiance | 120 mW/cm ² |
| Peak irradiance | 160 mW/cm ² |

| | |
|--------------------|-----------------------|
| Curing distance | 200mm (6") |
| Curing area | 200 x 200mm (4" x 4") |
| Average irradiance | 17 mW/cm ² |
| Peak irradiance | 55 mW/cm ² |

Storage:

| | |
|-------------|-------------------------------|
| Temperature | -20°C - +50°C (-4°F - 122°F) |
|-------------|-------------------------------|

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Chemicar Europe cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the products suitability for their own applications.