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# Technical specifications

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needlite™

- Power: 110-230 V AC
- Frequency: 50-60 Hz
- Power consumption: Up to 24 W
- Light source: LED
- LED estimated lifetime: 15 000 hours
- Wavelength: Daylight with extra strength around 465 nm, where the daylight effect is most effective
- Wire length 1.5 m + split 2 x 1.45 m. Max distance between lamps: 2.90 m.
- Light intensity: 10.000 lux at 8 cm distance (per lamp)
- Lamp efficiency: 109 lm/W
- Color temperature: 6 500 Kelvin (cool white)
- Working temperature: 0-40 °C
- Humidity: 10 - 90% RH (non-condensing)

## **Weight and dimensions:**

- Dimensions: 10 x 45.7 x 10 cm (W x H x D)
- Base: 10 x 10.3 x 10 cm (W x H x D)
- Weight: 2 x 940 g = 1.9 kg
- Light surface per lamp: 35.4 x 5.5 cm (166 cm<sup>2</sup>)

## **Approvals:**

- CEC Level 5 (Power supply)
- Energy Star 2.0 (Power supply)
- CE
- Electromagnetic compatibility 2004/108/EC
- WEEE Directive 2012/19/EU
- RoHS Directive 2011/65/EU
- Bluetooth SMART

For more information about setting up and using Needlite™, please visit [www.needlite.com](http://www.needlite.com)