



UCURE-HAND DATASHEET

Wireless UV LED curing lamp

Lightness adapted to manual work

More than 4 hours continuous working time

Two power versions available

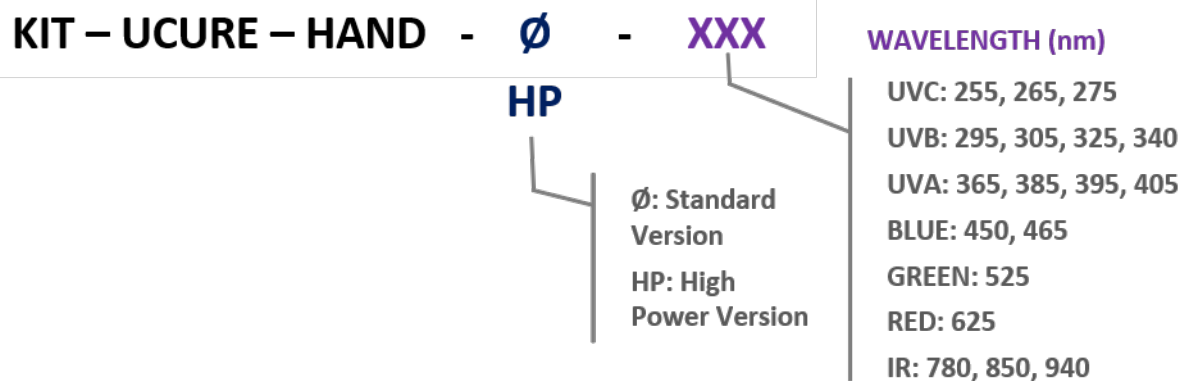


Electronics	Power supply	Rechargeable Li-ion battery – 18V DC
	Running time	4 hours with a fully charged battery
	Illumination mode	Continuous with an ON/OFF button
Optics	Wavelength	UVC: 255, 265, 275 nm UVB: 295, 305, 325, 340 nm UVA: 365, 385, 395, 405 nm VIS: 450, 465 nm (Blue), 525 nm (Green), 780, 850, 940 nm (Red), Other on request.
	LED	10 powerful UV LED at selected wavelength
	Max. irradiance at the window	Standard version: Up to 0,6 W/cm ² HP "High Power" version: Up to 3 W/cm ²
Mechanics	Mechanical dimensions	Length = 132mm Width = 79mm Height = 271mm
	Weight	960 g with battery / 590 g without battery
	Material	Device body: Plastic Head: Aluminum alloy
	IP rating	IP40
Environment	Operation	Temperature: 10°C to 35°C – Humidity: 20% to 80% humidity (with no condensation) – Altitude: Up to 2000m
	Regulations & marking	CE - UKCA
	Environmental standards	RoHS III Directives - REACH Regulation - WEEE Regulation

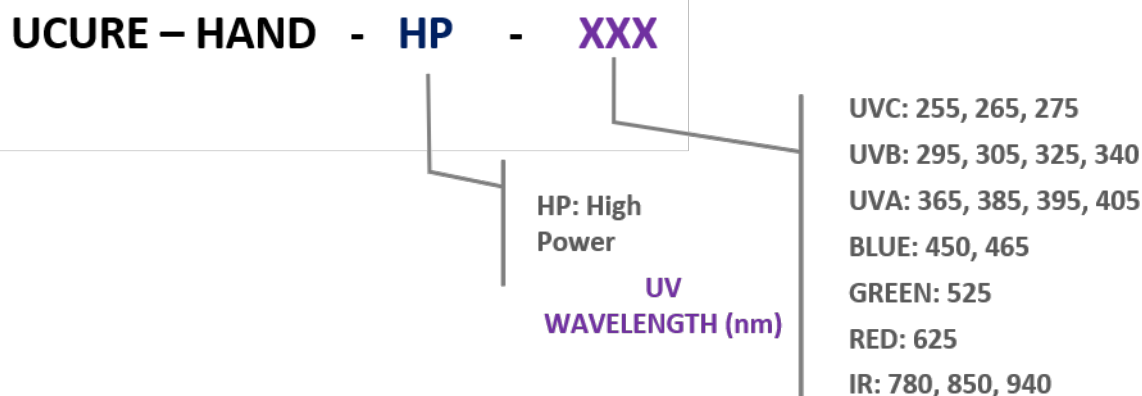


Product reference

The UCURE-HAND is available into complete KIT for manual use:



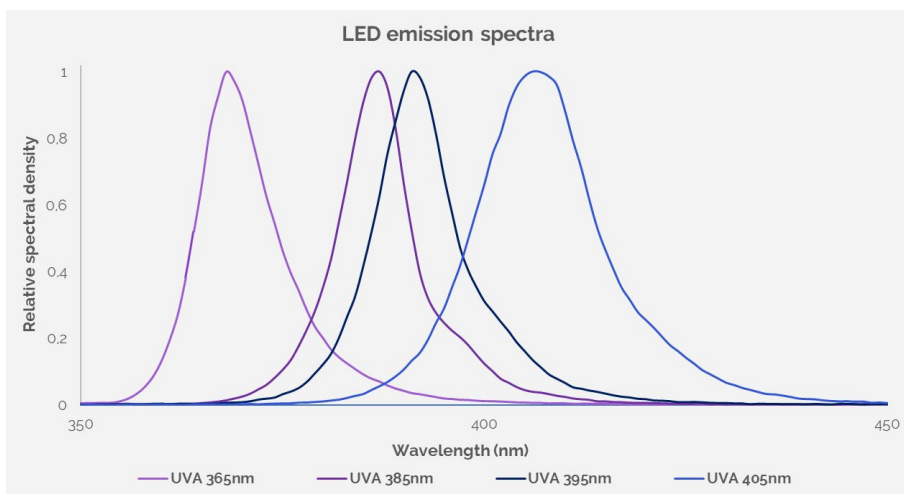
The UCURE-HAND is also available without the KIT:



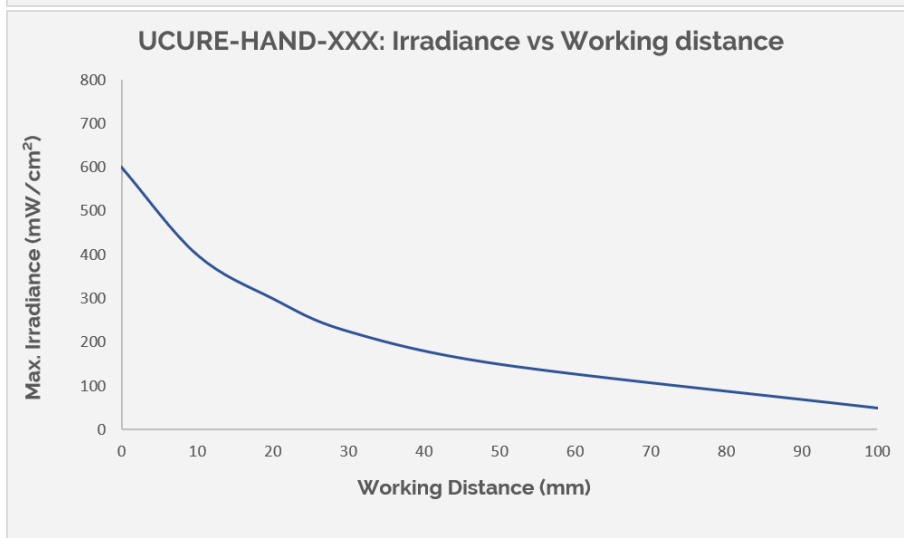
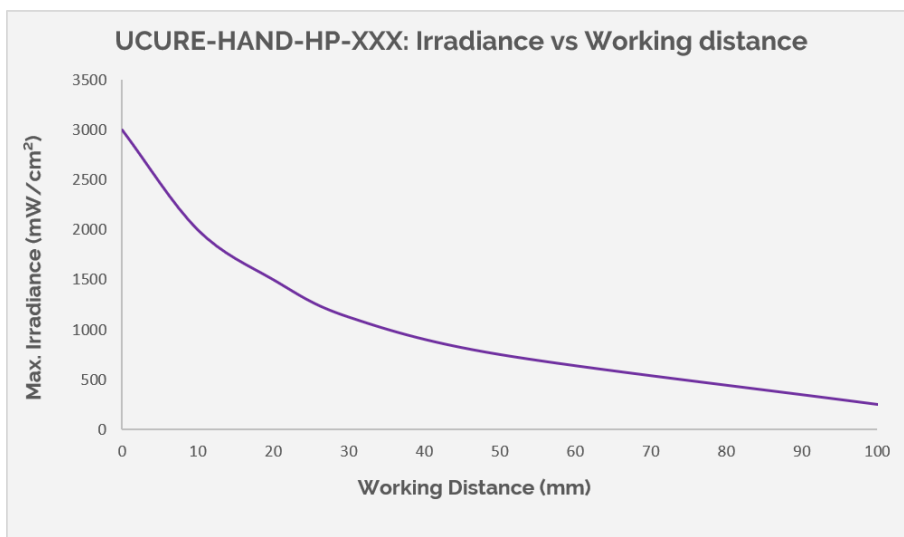


Optical considerations

Available LED spectra



Photometry



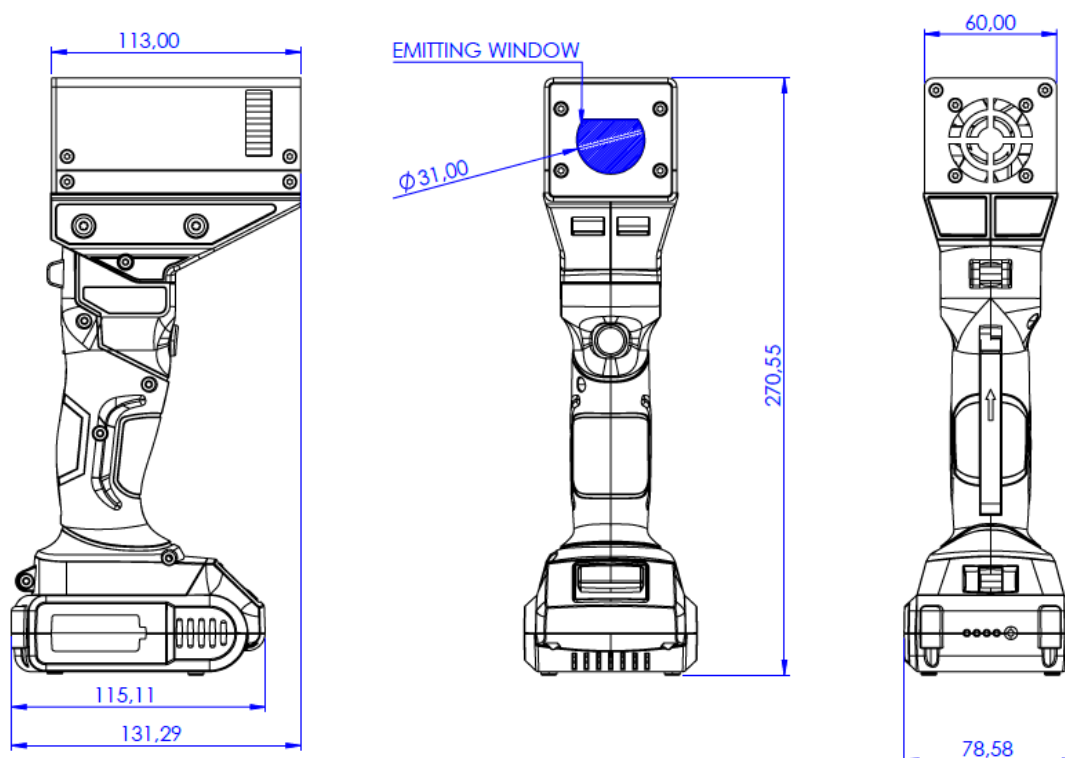


General Information

UCURE-HAND-XXX and UCURE-HAND-HP-XXX



Mechanical considerations (mm)





KIT

To allow facilitated manual use of the UCURE-HAND-HP-XXX and of the UCURE-HAND-XXX, UWAVE has developed a complete kit which contains the following components:



18V, 1.5Ah Li-ion Rechargeable Battery



The kit contains one 18V rechargeable battery to power the UV LED lighting.

- Each 1.5Ah battery offers a 5-hour continuous running time.
- Full charge of batteries may take up to 45 minutes with the charger.
- Compliant to CE, RoHS, and REACH standards



Battery level is given at the back of the battery with an LED indicator.
With 1 level remaining, battery is low and must be charged.

Batteries Charger



The kit contains a charger to charge the battery.

- The charger is powered with mains cable.
- Full charge of batteries may take up to 45 minutes with the charger.
- LED indicator to see the level of charge (RED charging, GREEN fully charged)
- Compliant to CE, RoHS, and REACH standards



Please fully charge the batteries before first use.



UV security

UWAVE products come under the standard DIN EN 62471:2008 which classified sources of optical radiation into risk groups subject to their potential photo biological hazard. Due to the emission of high UV irradiation, our products belong to Risk Group 3 (hazardous even for momentary exposure) therefore special safety measures, detailed in the following, must be observed.



Thanks to its experience and knowledge about UV risks, UWAVE offers its customers a wide range of UV protections & services:

Eyes protection	UGLASS-02: To protect eyes from direct rays. 	UGLASS-03: To cover all the face. 	
Body protection	UGLOVE-01: to protect hands. 	UV-SHIELD: To protect all workers around. 	
UV measurement	URAD-PR: Smartphone + UV LED radiometer 	URAD-LK: Wireless UV measuring device 	LEDURE: UV values recording. 
UWAVE expertise	EXPOSURE LIMIT VALUE  According to European Directive 2006/25/EC.	PERFORMANCES QUALIFICATION  Monitoring of all performances of your device.	MAINTENANCE & REPAIR  Preventive maintenance on site & LED repair service.