

UV CURING



SPECIALIZED LED WORK
LIGHTS FOR UV CURING

LED SOLUTIONS FOR FAST UV CURING

SCANGRIP provides the strongest and most comprehensive range of LED work lights on the market. We are now proud to present a full range of specialized LED solutions for UV curing to perform fast and high-quality curing of any body and paint repair.



The automotive coatings technology is continuously developing new fast cost-effective methods for automotive body and paint repair. Utilizing UV LED curing technology allows you to work faster and more efficiently as the curing time between each operation is reduced significantly. The range of LED solutions for UV curing is applicable for curing of UV cured primers and UV cured body fillers and designed to handle any small or large sized paint repair work.

- Faster curing, only 1 minute through high performance
- Long lifetime > 30.000 hours and low energy consumption
- No heat generation
- Rechargeable products with long operation time



UV-PEN

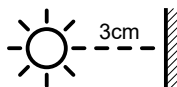
03.5800

Rechargeable, LED flashlight designed for spot repair and curing of car door edges and other narrow areas.

The UV-PEN is very sturdy and of extraordinary high quality. Slim and durable design with clip for the pocket - always near at hand.

Solvent resistant, exchangeable glass lens.

Curing area:
ø5 cm



Minimum Irradiance: 12mW/cm²
Center Irradiance: 25mW/cm²
Operating time: 1 hour



UV-LIGHT

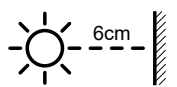
03.5801

Flexible, rechargeable LED hand-held work light designed for small and medium cure areas.

Easy to carry in the work belt. Supplied with a turnable sturdy hook and strong built-in magnet for flexible positioning. The shape provides a comfortable, ergonomic grip. Solvent resistant, exchangeable glass lens.

An intelligent battery indicator keeps you informed about the battery level. Supplied with a charging base.

Curing area:
ø10 cm



Minimum Irradiance: 6mW/cm²
Center Irradiance: 10mW/cm²
Operating time: 1.5 hours



NOVA-UV S

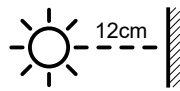
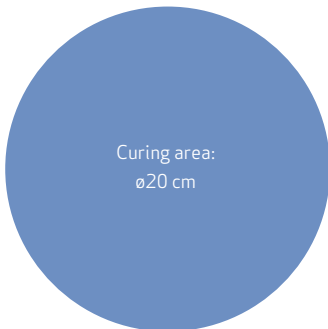
03.5802

Extremely powerful, rechargeable LED flood light with long operation time designed for larger cure areas.

NOVA-UV S is slim and handy with a long operating time. Due to the flexible bracket with strong magnets, NOVA-UV S can be placed in different positions to obtain the desired UV cure angle. The housing is made of sturdy diecasted aluminum and resistant to strokes, shocks and vibrations. Solvent resistant glass lens.



NOVA-UV S is supplied with a built-in timer system 1 to 5 minutes and a battery indicator.



Minimum Irradiance: 6mW/cm²
Center Irradiance: 15mW/cm²
Operating time: 1.5 hours

COLD CURING technology

- // No heat is produced on the panel or the paint during the curing
- // Allows curing of plastic parts or any heat sensitive material
- // Sanding and polishing can be done immediately after the curing is completed

TECHNICAL SPECIFICATIONS

	UV-PEN	UV-LIGHT	NOVA-UV S
Product number	03.5800	03.5801	03.5802
Light source	UV LED	UV LED	UV LED
Irradiance	Min. irradiance: 12mW/cm ² Center irradiance: 25mW/cm ²	Min. irradiance: 6mW/cm ² Center irradiance: 10mW/cm ²	Min. irradiance: 6mW/cm ² Center irradiance: 15mW/cm ²
Wavelength	390-400nm	390-400nm	395-400nm
Operating time, h	1	1.5	1.5
Charging time, h	4	4	3.5
Battery	3.7V / 1100mAh	3.7 / 2600mAh	3.7V / 5400mAh
Protection class	IP30	IP30 / IK07	IP30 / IK07
Impact resistance	1 m	1 m	1 m
Cable	1 m USB	1 m USB	1 m USB
Charging voltage/current DC	5V / 1A	5V / 1A	5V / 2A
Power consumption	3W	3W	12W
Charger incl.	Yes	Yes	Yes
Temperature	-10° to +40°C	-10° to +40°C	-10° to +40°C
Dimensions	ø19 x 159 mm	190 x 60 x 32 mm	163 x 63 x 163 mm
Net weight	88 g	270 g	705 g

// SCANGRIP is Europe's leading manufacturer of work lights for professionals providing the strongest and most comprehensive ranges of work lights with the latest LED lighting technology available on the market.

SCANGRIP is innovation from Denmark: All products are designed and developed by SCANGRIP in Denmark and manufactured at our own factories.

SCANGRIP receives strong recognition in the marketplace for its product design, and the products are known for their high quality.

SCANGRIP strives for perfection, and is continuously optimizing and improving light output, battery capacity, design and ergonomics, durability, user-friendliness and functionality. The aim is to set new standards for professional work lights.

SCANGRIP was established in 1906 and has been manufacturing high quality hand tools for the industrial and automotive sectors for more than 110 years.

UV-PEN

LED light for UV curing of narrow areas and spot repair

UV-PEN is a rechargeable, LED flashlight designed for spot repair and curing of car door edges and other narrow areas.

It is very slim and of extraordinary high quality, featuring a sturdy and durable aluminium housing with a good ergonomic grip for a firm hold. Supplied with a solvent resistant, exchangeable glass lens.

The built-in clip for the chest pocket makes it easy to carry around and always near at hand. The UV-PEN can easily be recharged by the enclosed USB cable.

No heat is produced on the panel or the paint during the curing, allowing curing of plastic parts or any heat sensitive material.

Curing area:
ø5 cm



TECHNICAL SPECIFICATIONS

UV LED

Irradiance at 3cm, Minimum 12mW/cm², Center 25mW/cm²

UV peak wavelength 390-400 nm

Curing area ø5cm

3.7V 1100 mAh Li-ion

1 hour operation time

4 hours charging time

IP30

88g



UV-PEN

Item no. 03.5800

ORIGINAL
SCANGRIP



SINCE 1906

UV-PEN

03.5800/03.5800US/03.5800XX



Item no. 03.5800XX is delivered without a charger, other versions are delivered with a charger



Input: 100-240V AC 50/60Hz
Output: 5V DC 1A



UV LED



Irradiance at 3cm
Minimum 12mW/cm²
Center 25mW/cm²



UV peak
wavelength
390-400 nm



Curing area
ø5cm



3.7V / 1100mAh
Li-ion



1h



4h



-10° to +40° C



IP30



1m



ø19 x160 mm



88 g



Included
USB cable
Charging input
5V DC 1A



UV-PEN

WARNING / CHARGING INSTRUCTION / BATTERY TIPS

- Do not stare into the operating lamp
- Do not use the lamp near a naked flame
- The red charging indicator lights up during charging
- The green charging indicator lights up when charging is completed
- **When charging the on/off switch should be activated**
- Recharge frequently
- Always replace the battery with an original battery
- Do not leave the battery without charge for an extended period - Deep discharge risks damaging the battery
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced



Discarded electrical products must not be disposed of together with household waste. Please use recycling facilities. Ask your local authority or retailer for advice on recycling.

- The battery must be removed from the device before it is broken up
- The device must be disconnected from the mains when the battery is removed
- Please dispose of the battery safely

CAUTION - RISK GROUP 2

Possibly hazardous optical radiation emitted from this product.

Do not stare at operating lamp. May be harmful to the eye.



RISK GROUP 2



EU Declaration of Conformity

Year in which CE Mark was first affixed: 2019

We, Scangrip A/S

Declare under our sole responsibility for the product:

Product Range:	BRAND: SCANGRIP NAME: UV-PEN DESCRIPTION: Rechargeable LED flashlight for UV curing, Class III Charger: Input 100-240V AC 50/60Hz, Output 5V 1A DC Class II Battery: 3,7V 1100mAh Li-ion Specifications: UV peak wave length 390-400nm, Risk Group 2, IP30, Temp -10° +40°C
Product Code:	03.5800

The designated product is in conformity with the essential requirements of the following European Directives and harmonized standards:

Low Voltage Directive (LVD), 2014/35/EU EN 60598-1:2015 EN 60598-2-4:1997 EN 62471:2008 EN 62493:2010 Charger: EN 61347-1:2015, EN61347-2-13:2014

Electromagnetic compatibility Directive (EMC), 2014/30/EU EN 55015:2013 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 61547:2009 Charger: EN 55015:2013, EN 61547:2009, EN 61000-3-2:2014, EN 61000-3-3:2013

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU EN 50581:2012
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Regulation (EU) no 1907/2006 of the European parliament and of the council of 18 December 2006 (REACH) Substances of Very High Concern (SVHC) analysis, based on the list published by European chemicals agency (ECHA) for public consultation regarding regulation (EU) No.1907/2006 concerning the REACH.
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Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products Directional lamps, light emitting diode lamps and related equipment regarding Eco-design (EU) No.1194/2012 & 2015/1428.


 Jasar Elezaj
 Quality Manager