



## UV-Lamp “Super Light C 10 A-SH“ in Foam Lined Case

Article-No. 142.000.300

### Helling Super Light C 10 A-SH

The UV-Lamp Super Light C 10 A-SH consists of 3 component units:

- a) Power supply unit in a pressure casted ALU-case with connection socket, plug, cable
- b) UV-lamp and connection cable
- c) support

The equipment can be connected to any power supply with 230V AC. Lamp ballast is installed in the ALU-housing, which besides this is supplied with the on/off- switch and connection socket for the UV-lamp.

#### Advantages of the Super Light C 10 A-SH

- a) Possible application under daylight due to high UV-intensity
- b) Yellow safety cable means more operational safety
- c) Combination of UV-Band pass filter and UVB-Long pass filter reduce the emission of UVB and UVC to nearly 0%.
- d) Spectral distribution of UV-emission is according to the directives of DGZfP (German Society for NDT) and BGFE (Professional Association for Fine mechanics and Electronics)

Content of Aluminium Case:

- 1 UV Lamp
- 1 Power Supply Unit
- 1 UV Protection Glasses
- 1 Ball Pen
- 1 Pencil
- 2 Edding Pens

**Field of Application:**

Magnetic Particle Inspection  
Liquid Penetrant Inspection  
Leakage test on Weld Seams  
technique\*  
Leakage test on open and  
closed systems

Hydraulic Systems  
Electro Industry  
Clean room

Medical sphere\*  
Research

\* Please apply for our special UVC- or UVB –Catalogues respectively

**Technical Data:**

Weight of ALU-Case	approx. 3,7 kgs
Power cable metal box	approx. 3,0 m
Weight of Lamp Housing	approx.1,3 kgs
Power cable UV lamp	approx. 5,0 m
Dimensions	200 x 100 x 80 mm
Input Voltage	230 V 50/ 60 Hz
Starting Current	ca. 1,85 A
Normal Current	ca. 1,20 A
Starting Time	below 5 minutes
Restarting Time	below 10 minutes
Spot Light	Sofitte 12 V - 10 W
UV-Lamp	HN 100 W - E 27
Protection class	I
Type of protection	IP 20
Fuse	3,15 A - T
UV-Light Intensity	approx. 9.000 µW/cm <sup>2</sup> at 400 mm distance
Wavelength	365 nm
Half-width value of UV-Emission	approx. 1,5 nm
Risk classification	4

**Extent of Delivery (Standard):**

Lamp ballast, lamp housing with UV-filter plain, UVB-Long pass filter, UV-bulb HN 100, support, connection cable and ALU-housing

**Special Accessories:**

Isolating Transformer 230/230 V 320 VA	
Housing Dimensions: 215 x 235 x 140 mm IP 54 acc. to EN 61558 2-9	No. 131.009.030
Extension cable with plug and socket for the connection of metal box and UV-lamp, length: 10m	No. 142.000.301
Extension cable like above, length: 20 m	No. 142.000.302

**Spare parts:**

Lamp housing	No. 142.000.131
UV Spare Bulb HN 100	No. 142.000.133
Spotlight	No. 142.000.134
UV-Band Pass Filter	No. 142.000.333
UVB-Long Pass Filter	No. 142.000.151
Support	No. 142.000.154

**The following requirements are fulfilled:**

DIN EN ISO 3059 (EN 50081 Part 1; EN 55011; EN 50082; IEC 801 Part 1 to 3, Directive of DGZfP Nr. FA-EM-06-2001v. 16.03.2001, Professional Association BGV B 11, CE –Mark.

