

UVA 365 nm CRACK TEST LED LIGHT

GENERAL:

Luminos**ambiente**[®] UVA / CRACK TEST LED LIGHT is state of the art LED technology. Complete luminaire is developed and produced in company Nanocut d.o.o., including the AC/DC power supply.

This UV LED light is especially developed for visual testing of forged parts for automobile industry. Inside, we use LED diodes with wavelength of 365 nm. This UV wavelength can also be used in many other industries for different purposes.

The UV light has a modular design. While UVA/2 and UVA/4 are standard models, we can make the UV light of any dimensions.

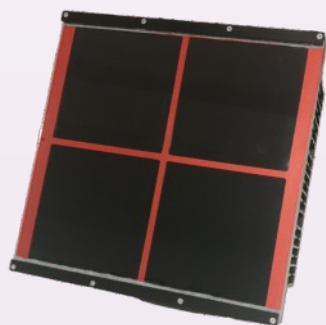
ADVANTAGES:

- UV 365 nm selective glass covers the light source area 340 x 340 mm to protect workers and testing parts from other wavelength flux,
- High reflective (100%) reflector distributes luminous flux in exact angle 60/60 degree,
- in 100 W UV LED light, 182 pcs UV LED diodes are built-in to increase lifetime, because working only with 30 % nominal power,
- very high cooling efficiency, thanks to unique cooling technology. UV LED die working temperature is max 20 degrees over ambient temperature,
- simple assembly, with modular base aluminum parts makes service very easy. Each LED can be changed very simply.

REGULATION:

UVA - CRACK DETECTION luminaires models are especially designed for high quality crack detection-penetrant testing through **ISO standards 3452/1:2013 and 3059:2012**.

This LED light passes all EU norms for EMI and security tests.



MODELS AND SPECIFICATION

Model	Connection Power	Irradiation Angle	nr. UV LED's	Ambient Temp.	Life time	Wave Length Width	UVA intensity at 35 cm	Irradiation area > 1000 µW/cm2	Dimension
LA-UVA/2-50W	230V, 50 W	60/60 deg	91 pcs	0-50 deg C	> 40000 h	365 nm	≈5000 µW/cm2	400 x 400 mm	200x368x125 mm
LA-UVA/4-100W	230V, 100 W	60/60 deg	182 pcs	0-50 deg C	> 40000 h	365 nm	≈5000 µW/cm2	550 x 550 mm	368x368x125 mm

DEVELOPED AND
MANUFACTURED BY:

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LED LIGHTING

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ORDERING CODE

LA-UVA/x-xxW-R60

LUMINOS
AMBIENTE

UVA/2
UVA/4

EL. POWER [W]
50,100

DISTRIBUTION
ANGLE 60 deg

WARRANTY: 5 YEARS
LIFETIME : > 40000 h

