

UVA 365 nm CRACK TEST LED LIGHT

GENERAL:

Luminosambiente® 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 DC&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/3 and UVA/4 are standard models, we can make the a UV light of any dimensions.

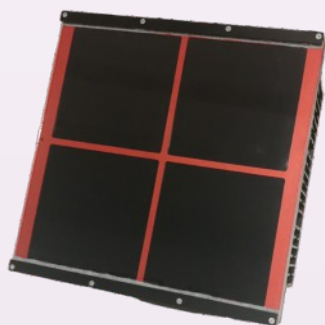
ADVANTAGES:

- 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 especialy designed for high quality crack detection-penetrate testing through ISO standard 3452/1:2013.

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 | > 20000 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 | > 20000 h | 365 nm | 10000 µW/cm2 | 550 x 550 mm | 368x368x125 mm |

DEVELOPED AND
MANUFACTURED BY:

NANOCUT d.o.o.
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

WARANTY: 3 YEARS
LIFETIME : > 20000 h

