

New:
20.000 mW/cm² *
Air cooled

LED

jetCURE LED

jetCURE LED S
with cooling air outlet at one side

jetCURE LED T
with cooling air outlet at both sides

System-Features

- High irradiation power
- Different wavelengths
- length depends on application
- Light aperture 20 mm or 40 mm
- Continuous power control

Advantages

- Air cooling
- Low weight
- Low temperature load
- Low power consumption
- No warm-up phase
- Ozone-free
- Long service life

jetCURE LED

The **jetCURE LED** is a high-performance array for intermediate curing (pinning) and final curing in printing applications. Other applications are the curing of varnishes, adhesives and pottings.

The jetCURE LED is available in **two versions** which differ in their cooling air duct:

jetCURE LED T has got a cooling air outlet on both sides of the housing. The exhaust air is discharged to the top.

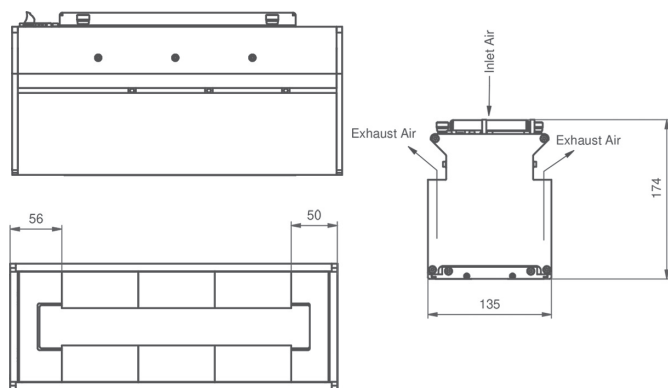
jetCURE LED S has got an one-sided cooling air outlet. The exhaust air is discharged sideways.

Both versions allow a modular (grid: 41 mm) and continuous power control. The **jetCURE LED** is available in the wavelengths 365, 385, 395 and 405 nm +/- 10 nm.

Advantages of LED technology

The typical LED service life is more than 20.000 hours**. The LEDs can be switched-on and -off as often as required without any warm-up or cooling phase and enable cyclic operation.

LEDs do not emit infrared irradiation. Thus they generate only low temperature load on the substrate so that even heat-sensitive materials can be irradiated.



jetCURE LED T with cooling air outlet at both sides

Special Features

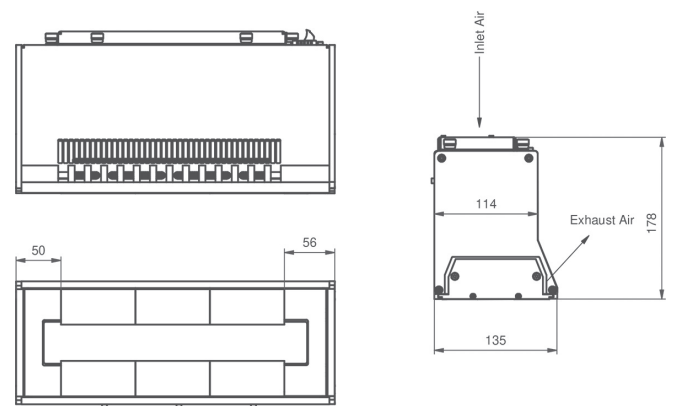
- Digital PLC interface
- Serial RS422 interface
- Supply voltage: 48 - 55 V DC
- Power control max. 5 - 100 % (device dependent)
- Integrated air cooling
- Integrated diagnostics function
- Cyclic operation in the milliseconds range possible

Technical Data

LED service life	> 20.000 hours **			
Cooling	Air cooled			
Irradiated area / Light aperture in mm:	82 - 656 x 20 82 - 492 x 40 other lengths in 41mm grid steps			
Wavelengths in nm	20 mm version: 365 385 395 405			
Intensity in mW/cm ² ***	10.000 20.000 20.000 20.000			
Wavelengths in nm	40 mm version: 365 385 395 405			
Intensity in mW/cm ² ***	6.000 16.000 16.000 16.000			

** typical service life under standard environmental conditions

*** measured by Hönle LED sensors for UV meter



jetCURE LED S with one-sided cooling air outlet