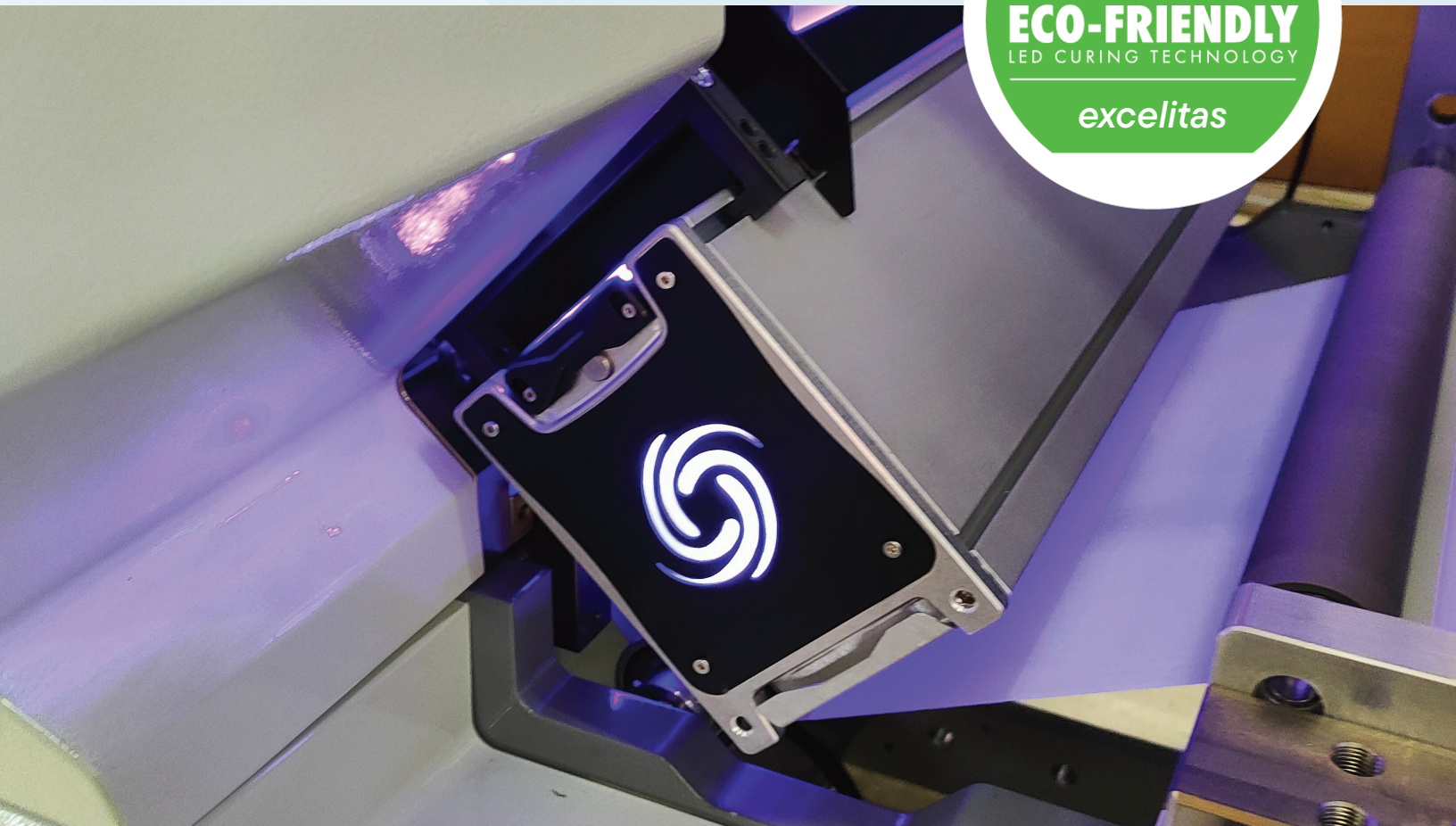


Phoseon®

NEXUS II™

UV LED Curing Systems





smart

Nexus II UV LED
NEXUS II DATAHUB™
REALTIME MONITORING



unique

Nexus II UV LED
2x MORE DIODES THAN OUR
LEADING COMPETITORS



reliable

Nexus II UV LED
> 60 000 HOURS
LIFETIME

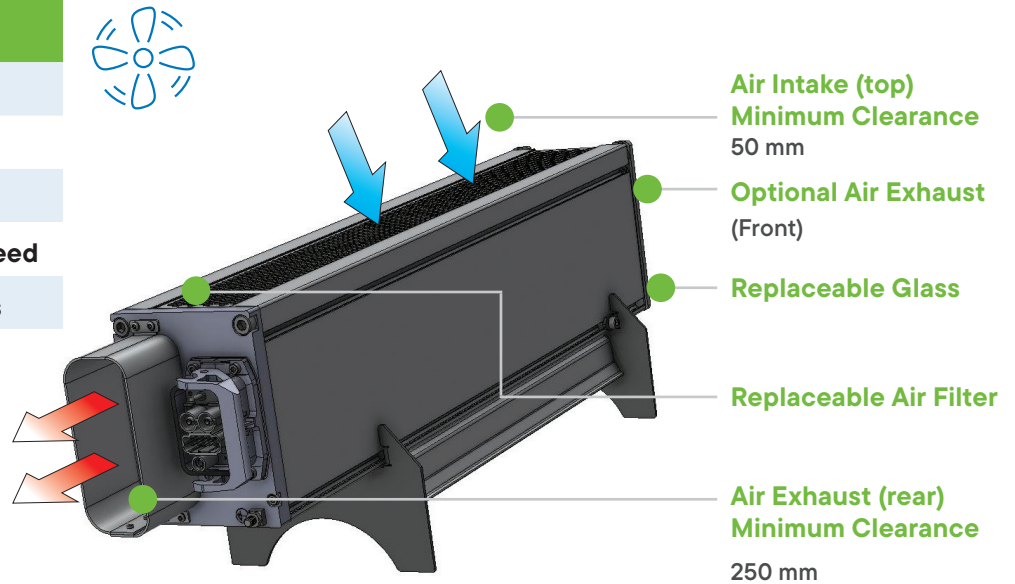


assured

Nexus II UV LED
5 YEAR WARRANTY
ON FULL SYSTEM

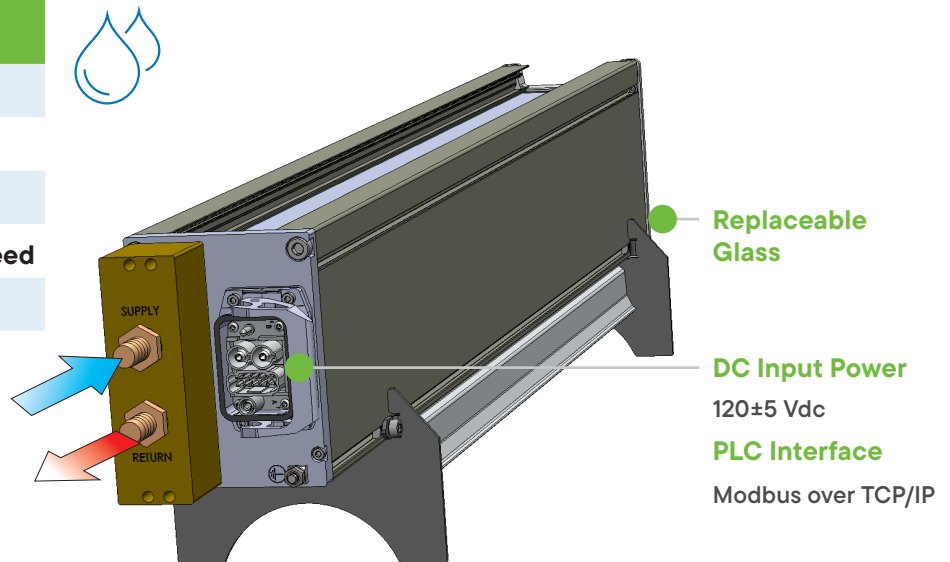
NEXUS II AIR-COOLED

- web width: 300 - 600 mm
- no chiller / fan blower needed
- 70% less kwh consumption
- up to 720 ft (220m)/min print speed
- quick + easy retrofit to any press



NEXUS II WATER-COOLED

- web width: 300 - 675 mm
- higher dose
- 60% less kwh consumption
- up to 1050 ft (320m)/min print speed
- quick + easy retrofit to any press



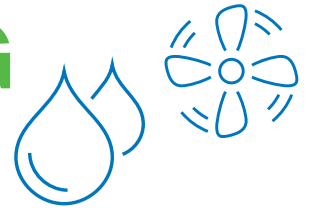
PERFORMANCE

Maximum electrical power	65W AC / 90W WC per cm
Expected diode lifetime	>60 000h at L90
Maximum operating temperature	45C for air-cooled lamps
Diode count	108 diodes per 25mm segment
Maximum print speed 	720 ft (220 m)/min Air-cooled
Maximum print speed 	1050 ft (320 m)/min Water-cooled
Standard cross section	110mm W x 190mm H

QUALITY BUILT IN

- + self protecting diode design
- + 23 years UV LED experience
- + 5 year warranty on all components
- + longest lifetime in the industry

COOLING BUILT IN



- + Air and water-cooled versions
- + no external fan
- + less energy consumption
- + quick and easy retrofit

PATENTS BUILT IN

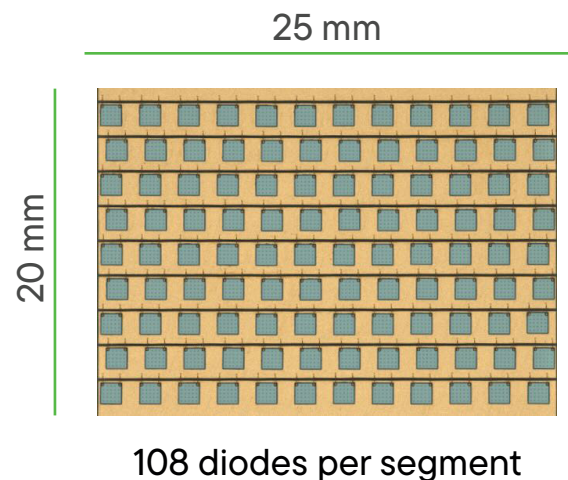
- + over 300 patents in UV LED
- + VALIDCURE™ Technology
- + approved with all UV LED inks
- + highest dose in industry

EFFICIENCY BUILT IN

- + up to 70% less energy consumption
- + air cooling = no compromises on curing
- + highest diode count in industry
- + highest printing speeds in industry

HIGHEST LED DIODE COUNT IN THE INDUSTRY

- **more diodes = higher total UV power (dose)**
- **lower diode junction temperature**
- **less heat**
- + **higher lifetime expectancy**
- + **higher print speeds**
- + **higher redundancy**



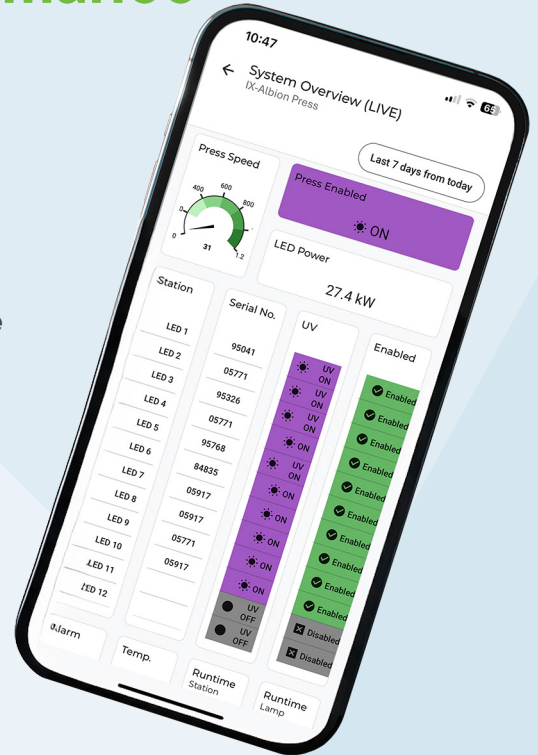
Nexus™ DataHub

Your Window into System Performance

Nexus™ DataHub gives you real-time, cloud-based access to critical

system data— **anytime, anywhere**. Designed to enhance the performance and serviceability of your Nexus II™ curing system, it goes beyond UV LED performance to also monitor **overall machine performance**.

- **Cloud-Based Access:** View your data from anywhere via our secure web portal or mobile app.
- **Real-Time & Historical Monitoring:** Track performance live or review past data in intervals from 30 seconds to 1 hour.
- **Comprehensive Data Insights:** Monitor a wide range of key metrics, including: overall machine performance, UV intensity, system speed, energy consumption
- **24/7 Operation:** DataHub runs continuously to provide full visibility into your system.
- **Exclusive Benefits:** Nexus DataHub users receive special service and repair discounts.



Proven Reliability

5 Year warranty for Entire System

- + investment protection
- + no additional charges, no hidden costs
- + not connected to usage of lamp
- + lowest cost of ownership



Download the Ixon Portal App today!



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