

IL InspectLight

LED surface lighting pharma



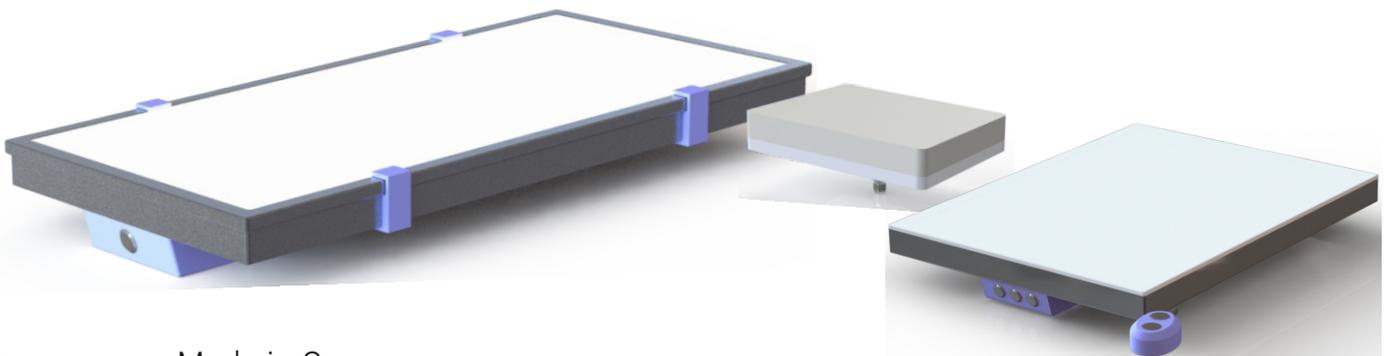
PowerLED

Standard connection M8
DIN EN 61076-2-104

Controller
inside

The robust IL InspectLight is an LED illumination for optical quality inspection and large-area inspection in the pharmaceutical sector.

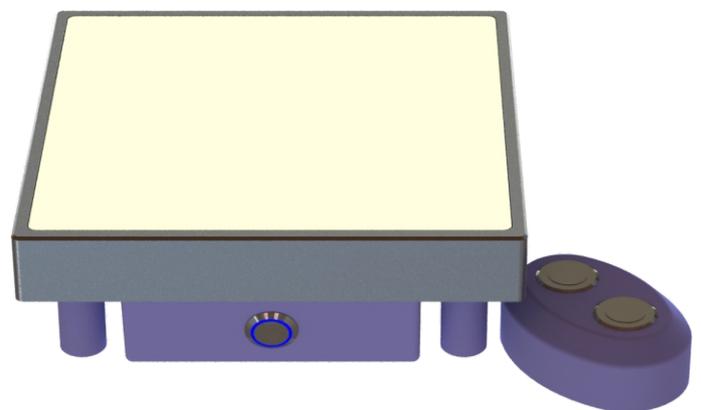
The homogeneous LED lightfield is optimally designed for the visual inspection of vials, ampoules, cartridges or injection bottles.

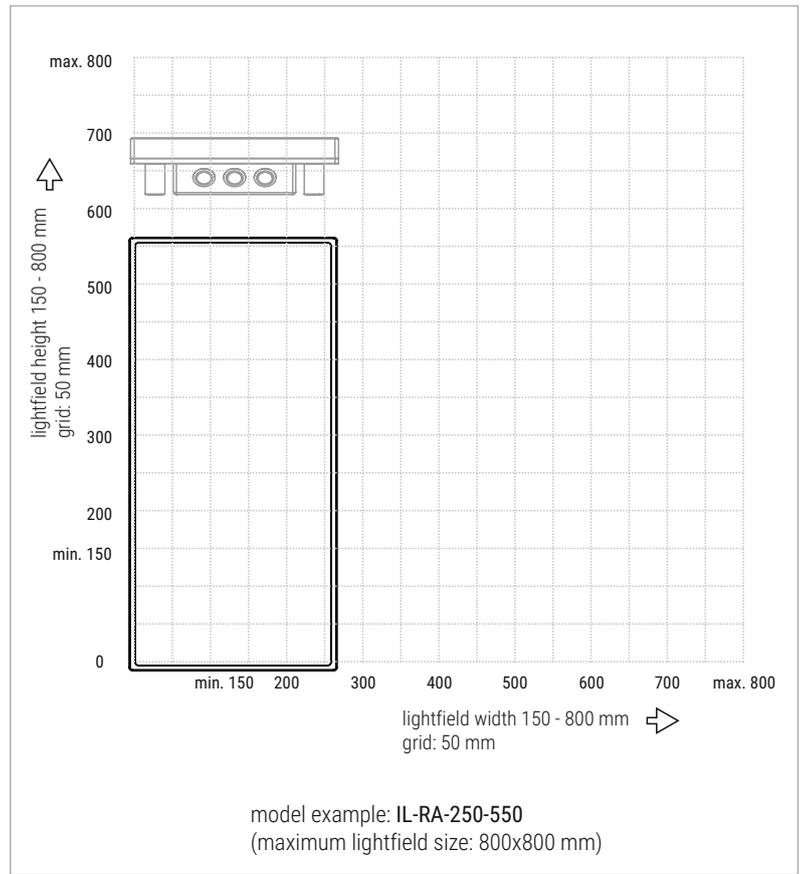
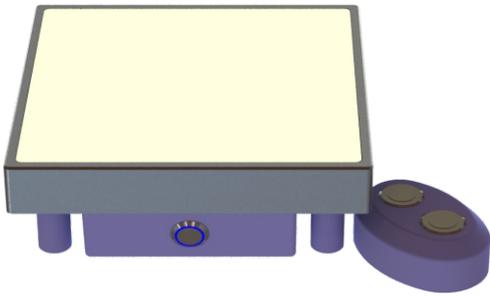


pharmacare - Made in Germany

brief description

IL InspectLight for various visual inspection tasks with uniform, homogeneous light over the entire illuminated surface. The impact- and scratch-resistant lightfield is highly resistant to chemicals, cleaning agents, disinfectants and various oils. Designed and manufactured in accordance with GMP. For visual inspection, various of objects like vials, ampoules, cartridges, injection bottles, etc. can be placed on this LED surface illumination. Already smallest defects of the inspected objects (e.g. particle or crack inspection) are easily and reliably detected. Various sizes, as well as the colors white, red or RGB as 24V model are available. The lighting is characterized by low power consumption and low heat generation.





model configurator

IL - [] - [] - [] - [] - [] - [] - [] - A L O - []

type of construction: **EB** (installation) **RL** (rimless) **RA** (with frame)

lightfield width (in mm)

lightfield height (in mm)

lightfield disc: **GD** (glass diffuse)
AD (acrylic glass PMMA diffuse)
PW (POM white) only IL-EB

lightcolour: **WS** (white) **RT** (red) **RGB**

internal assignment lighting

connection:
M08: sensor connector 4-pole M8 **M12**: sensor connector M12 / 4-pin
BCI: lighting controller internal **BCE**: external lighting controller

housing material: **ALO** (aluminium anodised natural)

special version:
S1 without integrated controller
IN Version +- Increase/decrease brightness ON/OFF button
DC DC=24VDC

model example: *IL-RA-250-550-AD-WS-M2-BCI-ALO-DC*

subject to change without notice. Further model variants and special solutions on request.

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DasTechnikTeam.

features

- housing material lighting IL: **aluminium** anodised natural
- lightfield plate: acrylic glass (PMMA) **diffuse**
- (impact and scratch resistant), POM or glass
- optimised lightfield with bright light emission
- brightness control of the RGB dimming between **20 - 100%** (20% steps) / 1 - 100% stepless (WS + RT)
- regulation via lighting controller
- homogeneous lightfield, energy-saving design, little heat generation and increases the life of the light source
- lightcolours: white, red, RGB (red-green-blue-yellow-white)
- colour channel and brightness adjustable and reproducible via parameterising mouse PM2 (only for RGB)
- parameterised values remain stored and can only be changed with the parameterisation mouse
- perfectly suited for continuous operation
- **not** suitable for operation in potentially explosive atmospheres

technical data

supply voltage:	24VDC (+/-10%) / Power supply 230VAC
LED colour temperature white:	6500K
operating temperature:	+ 10°C bis + 40°C
storage temperature:	-5°C bis + 50°C
relative air humidity:	30% - 70% non condensing
protection class:	IP65
UL-complaint	

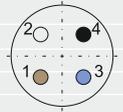


electrical connections

version with controller

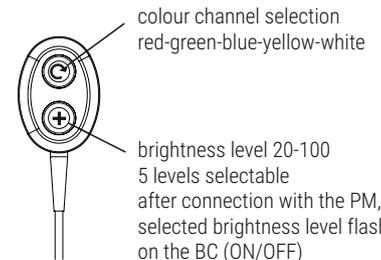
sensor plug M8 / 4-pole

PIN	colour	description
1	brown	supply voltage 24VDC
2	white	N.C.
3	blue	0V GND
4	black	N.C.



BC lighting controller / PM-PR parameterisation mouse (RGB)

lighting ON/OFF



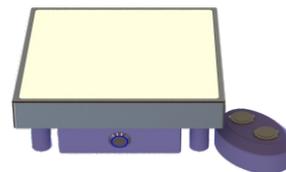
plug-in M8

BC lighting controller / PM-PM parameterisation mouse (WS-RT)

lighting ON/OFF



plug-in M8



IL-RA

lighting controller BC

parameterising mouse PM