



 **VALO**

LED LUMINAIRE WITH
REPLACEABLE LIGHT SOURCE
I-VALO LUKA®



Compact LED luminaire with replaceable technology package

An elegant, clean-lined general-purpose luminaire for indoor and outdoor use. The luminaire is suitable for public premises and challenging industrial environments alike. Typical applications for the luminaire include maintenance platforms and staircases, building façades and entrances, and area lighting when mounted on the I-Valo pole, for example.

In the product design, the cornerstones were the luminaire's long service life, energy-efficiency and easy installation and maintenance. The luminaire's GORE filter protects its interior components against dirt and moist. The pressure-tested, polyester-coated cast-aluminium body and carefully selected high-quality components ensure that the luminaire retains its luminous efficacy even in challenging conditions. The luminaire's technology can be replaced (a Fit for the Future product).

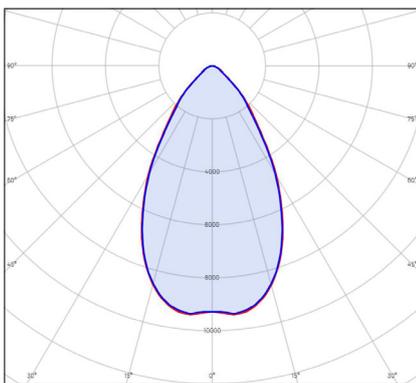
In addition to the standard model designed for general lighting, there is also a LUKA SPOT floodlight version available, with a narrow light beam. The luminaire is suitable for all types of target lighting. Suitable applications include lighting of paper machine drying cylinders, lighting of the wet end and paper web of a paper machine, outdoor lighting, logo and advertising lighting.



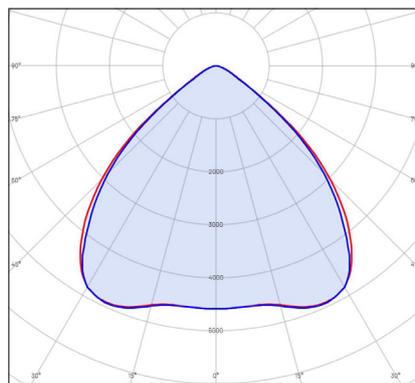
I-VALO GUARANTEES PERFORMANCE VALUES OF THE LUMINAIRE WITHIN THE SPECIFIED TA TEMPERATURE RANGE

LUKA - standard version

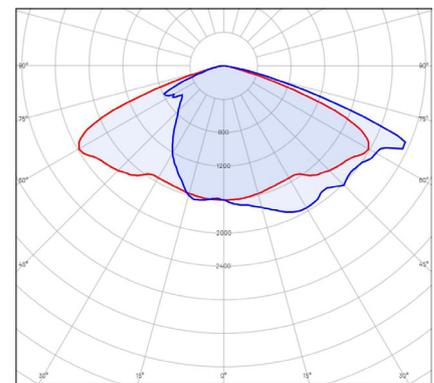
| | |
|------------------------|---|
| Ta class | -40 °C...+45/55/60 °C |
| Power | 34 W, 49 W, 68 W, 101 W |
| Luminous flux | 5050 lm-15800 lm |
| Luminous efficacy | Up to 166 lm/W @Ta max |
| Colour temperature | 4000K (On request also available in warm colour temperatures 2200K, 2700K, 3000K) |
| Colour rendering index | CRI 80 |
| MacAdam value | 3 SDCM |
| Enclosure class | IP67 |
| IK class | IK09 (glass), IK07 (PMMA) |
| D class | Yes |
| Light distribution | Wide, medium wide, asymmetric |
| Filter | GORE (PTFE) |
| Body material | Polyester-coated die cast aluminium, suitable for environments classified as C5/very high corrosivity |
| Cover material | Clear tempered flat glass or acrylic (PMMA) |
| Connection | Supplied with connecting cable. Several options available. |
| Control | ON/OFF, DALI-2 |
| Weight | ~6 kg |
| Dimensions | 255 mm x 425 mm x 70 mm |
| Additional information | Also available with daylight and motion sensor |



MEDIUM WIDE



WIDE



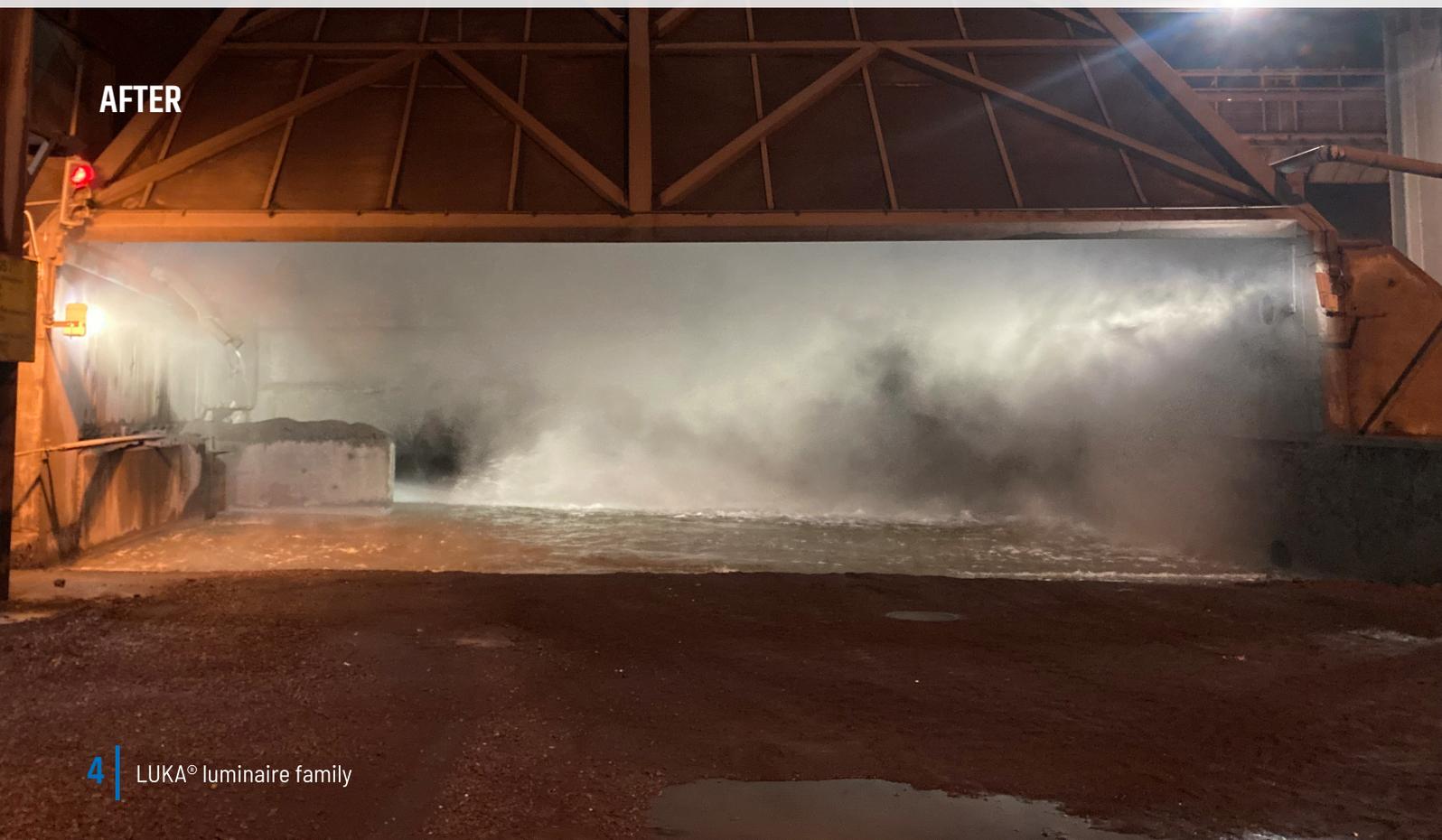
ASYMMETRIC



BEFORE

Renovation of the lighting in the granulation basin

The LUKA SPOT with LB400 floodlight bracket with its narrow beam and high luminous intensity is an excellent solution for target lighting. The fixture allows easy aiming of the luminaire exactly where the light is needed. In this photo, the spotlights from another manufacturer were replaced with I-Valo's LUKA SPOT and the difference is staggering. The luminaire also stands up very well to the challenging conditions of the site.

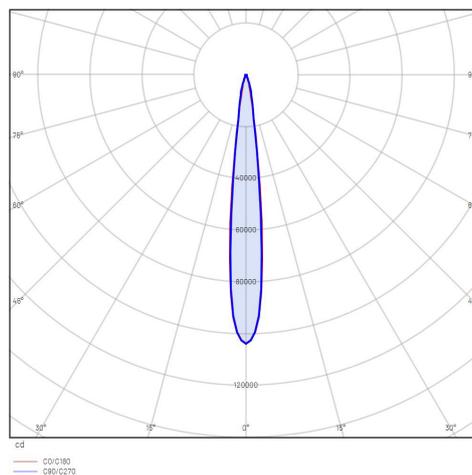


AFTER



LUKA SPOT - floodlight version

| | |
|------------------------|---|
| Ta class | -40 °C...+60 °C |
| Power | 48 W and 68 W |
| Luminous flux | 6950 lm-9450 lm |
| Luminous efficacy | 148 lm/W @Ta max |
| Colour temperature | 4 000 K |
| Colour rendering index | CRI 80 |
| MacAdam value | 3 SDCM |
| Enclosure class | IP67 |
| IK class | IK08 (PC), IK07 (glass) |
| D class | Yes |
| Light distribution | Narrow |
| Filter | GORE (PTFE) |
| Body material | Polyester-coated die cast aluminium, suitable for environments classified as C5/very high corrosivity |
| Cover material | Clear tempered flat glass or polycarbonate (PC) |
| Connection | Supplied with connecting cable. Several options available. |
| Control | ON/OFF, DALI-2 |
| Weight | ~6 kg |
| Dimensions | 255 mm x 425 mm x 70 mm |



NARROW

Mounting brackets

Installation of the luminaire requires a bracket to be ordered separately. The LUKA family includes a wide range of mounting brackets to ensure versatile installation possibilities. The brackets are as robust as the luminaire itself, so they will last for decades in even the most challenging conditions.



LB100 MOUNTING RAIL

- Polyester-coated aluminium
- Can be fixed directly to the ceiling surface or to a lighting track
- Can also be used with wire bracket 6079 or wall bracket 6060
- Weight 1,1 kg



LB300 WALL BRACKET

- Polyester-coated aluminium and hot galvanized, polyester-coated steel
- Inclination angles: 0°, 15°, 25°, 35°, 45°
- Weight 1,3 kg



LB310 PIPE BRACKET

- Polyester-coated aluminium and hot galvanized, polyester-coated steel
- Installation on Ø60 mm pipe or pole
- Inclination angles: 0°, 15°, 25°, 35°, 45°
- Weight 2,2 kg



LB200

WALL BRACKET

- Hot galvanized, polyester-coated steel
- Inclination angles: 0°, 5°, 10°, 15°, 25°
- Weight 3,1 kg



LB210

POLE BRACKET

- Hot galvanized, polyester-coated steel
- Inclination angles: 0°, 5°, 10°, 15°, 25°
- Weight 4,7 kg



LB220

POLE BRACKET

- Hot galvanized, polyester-coated steel
- Inclination angles: 0°, 5°, 10°, 15°, 25°
- Weight 4,0 kg



LB400

FLOODLIGHT BRACKET

- Recommended for use with e.g. LUKA SPOT version
- Polyester-coated aluminium
- Inclination angles: The bracket features a locking hole for a 90° mounting angle and allows for infinitely variable adjustment within the range of -45° to +45°.
- Weight 1,1 kg



Professional Lighting Design for Cost Efficiency

We provide an optimised lighting solution for your site, taking into account the conditions of the installation environment and any shadows caused by the process equipment. Professional design ensures that the right luminaire models and quantities are selected for the spaces to be illuminated. Don't overpay and oversize for lighting, with efficient quality luminaires you will make significant savings in purchasing, operating and maintenance costs! Our lighting design is free of charge.

Read more about lighting design
and order a plan.

