

INROLED 50 CleanPro ECO LED tube light 565 mm, 13 W, IP69K, 24 V DC - LED2WORK 158210-02

Item no. L2W-158210-02

Manufacturer LED2WORK

Hygienic LED tube light for wash-down zones: the 565 mm-long CleanPro ECO pairs an opal-white, shatterproof polycarbonate tube (Ecolab and NSF certified) with 2004 lm luminous flux. IP67/IP69K rating and V4A end caps withstand high-pressure cleaning up to +80 °C.

TECHNICAL DATA

Country of Manufacture **Germany**

HS-Code **94054239**

Weight **0.93 kg**


STANDARDS & COMPLIANCE

DIN EN 62471

DESCRIPTION

In food, beverage and pharmaceutical plants, lighting is cleaned intensively every day. The INROLED 50 CleanPro ECO with a 565 mm body length delivers 2004 lm of luminous flux behind a smooth, dirt-repellent polycarbonate tube that is Ecolab and NSF certified.

KEY BENEFITS

- **Food-safe:** Ecolab, NSF and HACCP certified, opal-white tube with a smooth surface.
- **2004 lm at 13 W:** around 155 lm/W efficacy, 5700 K light colour (3-step MacAdam).
- **IP67/IP69K and IK09:** high-pressure and impact resistant, V4A end caps resist cleaning agents.
- **Cleaning up to +80 °C:** built for frequent, intensive wash-down cycles (light off).
- **Over 100,000 h service life (L80/B10):** fewer replacements, predictable maintenance.
- **CRI > 85:** good colour rendering for visual and quality inspection.

TECHNICAL DATA

- **Model:** INROLED 50 CleanPro ECO
- **Design:** LED tube light
- **Light source:** SMD LED

- **Power:** 13 W
- **Luminous flux:** 2004 lm
- **Luminous efficacy:** approx. 155 lm/W
- **Light colour:** 5700 K (3-step MacAdam)
- **Colour rendering (Ra):** > 85
- **Beam angle:** 100°
- **Supply voltage:** 24 V DC $\pm$ 10 %
- **Connection:** M12 A-coded, 3-pin
- **Protection rating:** IP67/IP69K
- **Protection class:** III
- **Impact resistance:** IK09
- **Operating temperature:** -30 °C - +70 °C
- **Cleaning temperature:** up to +80 °C max. (light off)
- **Service life:** > 100,000 h (L80/B10)
- **Material:** Tube matt polycarbonate, shatterproof, Ecolab coating; end cap and M12 plug V4A
- **Dimmable:** external PWM < 5 kHz
- **Dimensions:** Ø 50 mm, length 565 mm
- **Weight:** 930 g
- **Risk group (DIN EN 62471):** Exempt group
- **Certifications:** CE, UKCA, ETL Listed (5003529)
- **Made in:** Germany

APPLICATIONS

Machine and plant lighting in the food and beverage industry, pharmaceuticals and packaging production, especially in wash-down zones with daily high-pressure cleaning.

Made in Germany, connected via M12 connector. Matching luminaire holders and connectors are available separately.