LUMITEAM
RELIABLE LIGHTING

LUCA EXTRA
HERMETIC LED 24 V

LINEAR HERMETIC LED FIXTURE LUMINAIRE
POWERED BY SAFE VOLTAGE 24 V AC

IP 65 | IK 09 | 120-270V 50/60 Hz | F | LED

LUCA HERMETIC LED EXTRA 24 V is an industrial luminaire specifically designed to work in places with high humidity at risk of electric shock, requiring „safe voltage" 24 V AC. Featuring linear luminaire optics with very low UGR, LUCA HERMETIC LED 24V is perfect for both low and medium heights. Available in five sizes, the luminaire's simple design makes it quick and easy to install. Widely applied in areas such as sewage plants and service ducts, LUCA HERMETIC LED EXTRA 24 V has been designed with safety at the forefront.

TECHNICAL DATA

Light source	LED
Power consumption	100 W
Luminaire luminous flux	15 100 lm
Luminaire efficacy	150 lm/W
Colour temperature	3 000 K, 4 000 K
Colour rendering index (CRI)	80
Lumen maintenance output	100 000 h (L80B10)
Operating temperature	-25°C do +40°C
Beam angles	90°, 60°, 30°, 20°, ± 20°
Material	aluminum flat
Colour	anthracite; other colours on request
Finish	powder coating
Optics	PMMA
Ingress protection rating	IP65
Impact protection rating	IK09
Weight	5.2 kg
Voltage	24 V
Frequency	50/60 Hz
Warranty	5 years
Control systems	optional

FAMILY

INDEX NO	NAME	POWER	LUMINAIRE LUMINOUS FLUX	LUMINAIRE EFFICACY	RA/CRI
S411001922XXXXXBIEA1	LUCA H EXTRA 100 W, 192 LED, CRI 80	100 W	15 100 lm	151 lm/W	80

When ordering, please specify the desired beam angle curve and colour temperature.

KEY ADVANTAGES

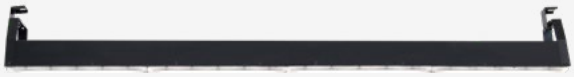
- luminous efficacy up to 151 lm/W
- linear optics with very low unified glare rating (UGR)
- lifetime up to 100 000 h (L80B10)
- three mounting methods: surface mounted, suspended or single-point
- universal application
- can be adapted to any control system
- modern design and solid workmanship (IP65, IK09)
- made in Poland

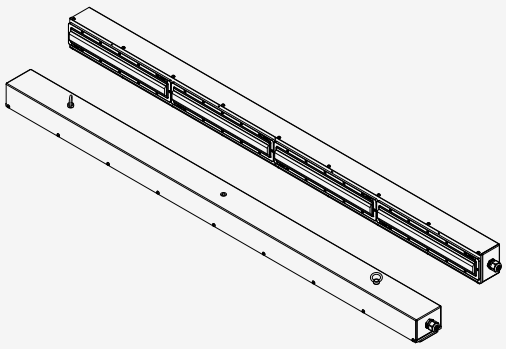
ACCESSORIES

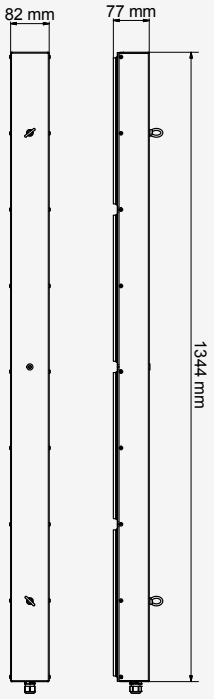
ADJUSTABLE HANDLE FOR FIXED MOUNTING

EYEBOLTS FOR SUSPENDED MOUNTING

DIMENSIONS [MM]







APPLICATION:

- Production halls
- Warehouses
- Underground parkings and passes
- Powerhouses
- Workshops
- Car washes
- Petrol stations

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Luminous flux tolerance +/- 10%. Power consumption tolerance depends on the power level - less than 100 W or equal to 100 W power consumption tolerance is 5%, over 100 W - 2.5%. The luminous flux, light intensity distribution and light efficiency were tested according to PN-EN 13032-4: 2015-09 and PN-EN 60598-1: 2015-04 at an ambient temperature of 25°C. The manufacturer does not provide components for installation. The latest product data is available on our website at www.lumiteam.eu | We reserve the right to make constructional changes to the luminaires. Update date: 2025-07-04