# INDUS



## DESCRIPTION

Industrial low-bay luminaire INDUS designed for energy-efficient and precise lighting. With DALI control, an IP66 protection rating and operation in temperatures ranging from -20°C to +50°C, it delivers durability and performance in demanding environments. Available in a range of 9 W to 90 W, INDUS easily adapts to different lighting requirements and offers flexible installation options, both pendant (with optional extended cable) and floor mounting.

## APPLICATIONS

INDUS luminaires are used across various industrial and commercial environments, including warehouses, terminals, industrial refrigerators, shops, food and medical facilities, furniture manufacturing, car-care centers and parking areas.

## BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Exceptional Efficiency:** High-performance LEDs deliver up to 166 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 9 W to 90 W configurations, adaptable to various lighting needs.
- **Intelligent Control:** DALI compatibility and motion sensors enhance energy savings and user convenience.
- **Casambi possibility:** Available as an option with Casambi-ready drivers.
- **Engineered for Longevity:** An anodized aluminum heat sink and optional painted metal cover ensure durability, with a lifespan of up to 100,000 hours (L90 B10).
- **Rugged Protection:** IP66-rated for full resistance to dust and powerful water jets.
- **Compact & Convenient:** Simple design for easy integration into various environments.
- **Flexible Installation:** Supports pendant (with optional extended cable) and floor mounting.

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L I G H T I N G

# TECHNICAL INFORMATION:

IP 66 | IK 08 | ⏚ | △

| ELECTRICAL | V | Input voltage | 220-240 |
|---|---|---|---|
| | Hz | Rated voltage | 50-60 Hz |
| | W | Luminaire wattage | 9 to 90 |
| | Cosφ | Power factor | ≥ 0,95 @100% load |
| OPTICAL | Lm | Luminous flux | 6113-14953 |
| | Lm/W | Luminous efficacy | Up to 166 |
| | K | Color temperature | 2700-6500 |
| | Tg | Performance temperature | 25 °C |
| | C˚ | Ambient temperature range | -20°C ≤ Ta ≤ +50°C |
| | CRI | Color rendering index | ≥80 |

| Type | 6 | 9 | 12 | 15 |
|---|---|---|---|---|
| Power | 39 | 57 | 74 | 91 |
| Luminous Flux, Lm | 6435 | 9348 | 12284 | 14924 |
| Efficacy, Lm/W | 165 | 164 | 166 | 164 |

| Chromatic tolerance (original MacAdam) | Not higher than 5 |
|---|---|
| Life expectancy L/B | L90 B10 by 100000 hrs (Ta = 25 °C) |

| HOUSING | Size | 571 X 69 X 75 mm; 852 X 69 X 75 mm;1133 X 69 X 75 mm;1414 X 69 X 75 mm | |
|---|---|---|---|
| | Weight | Max 2,3 kg | |
| | Body material | Heat sink: aluminium extrusion, anodized Mounting bracket: steel | |
| | Protection | IP66 | |
| | Installation | Floor mounting | Pendant (optional) |

ALU

Additional:
RAL 9005
or any RAL

A

75

69

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LIGHTING
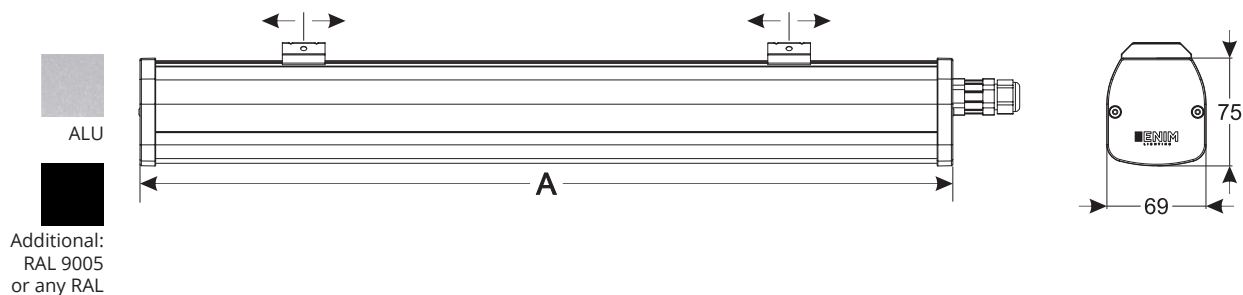
| OPTICS | Light source | OSRAM/LUMILEDS/BRIGELUX |
|---|---|---|
| | Cover | PC / PMMA white cover |
| | Maintenance | Optical module sealed for life. No internal cleaning required |

| DRIVER | Input voltage | 220-240 V |
|---|---|---|
| | Functions | Overload protection, Short-circuit protection, No-load protection |
| | Interfaces (control) | ON-OFF; DALI; Corridor FUNCTION; SwitchDIM; 1-10V |

| OPTIONAL | Accessories | |
|---|---|---|
| | Code | Name |
| | MET0397 | INDUS_Z_bracket RAL7035 |

| REMARKS | Power factor (Cosφ) | ≥ 0.95 |
|---|---|---|
| | Recommended mounting height | 2,5-8 m |
| | | Luminaires are ready to install |
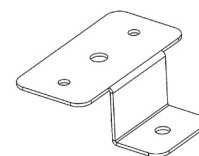
## LOGISTIC DETAILS:

| Full pallet size/cm L*W*H | Number of luminaires per row | Number of rows | QTY per pallet/pcs |
|---|---|---|---|
| 120 X 80 X 110 | 9 | 12 | 108 |

| Volume per pallet | Kg per pallet | |
|---|---|---|
| | Netto | Brutto |
| 0,69 m³ | 220,2 | 252,6 |

1100

800    1200

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