

Article-No: 9137375

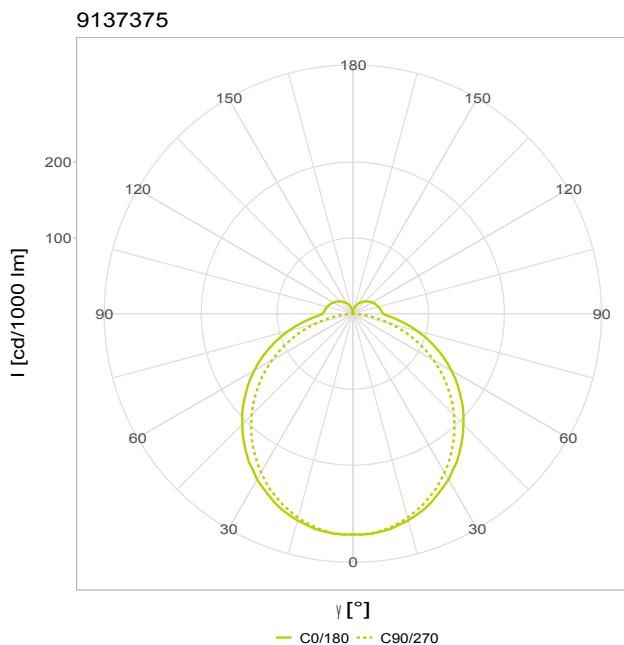
Profile luminaire



KATLA INDUSTRY 1.7m PCO 1x59W 120° 8500lm 840 TW3x1,5 class I

Damp proof surface lamp with slim, flat and fully sealed luminaire housing, made of translucent, opalised polycarbonate (impact resistant). End pieces made of PBT (impact resistant). Specifically for the application in industry surroundings with higher technological expectations. Short, ageing resistant seals. Easy installation due to two spacious grid connectors. High performance LEDs, wide light distribution with ceiling illumination. Converter integrated into the luminaire housing. Converter, as well as modules can easily be exchanged. Variable mounting distances due to PRACHT-CLIP-SYSTEM made of stainless steel. Suitable for ceiling and horizontal wall mounting, accessories for pendant and mounting rail installation available for order.

GTIN 4018098298212
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1745 mm |
| Width | 59 mm |
| Height | 62 mm |
| Net weight | 1,70 kg |

ASSEMBLY AND MAINTENANCE

| | |
|------------------------|---|
| Optional mounting type | Pendulum mounting, mounting rail, horizontal Wall |
| Standard mounting | Ceiling |

OUTPUT

| | |
|--|----------|
| Luminous flux | 8500 lm |
| Systempower | 59 W |
| Efficacy | 144 lm/W |
| Energy efficiency class of the light source | C |

MATERIAL

| | |
|------------------|-----------------------------|
| Cover material | PCO - Polycarbonate OPAL |
| Housing material | PC-OPAL |
| Housing colour | opalized |

LIGHT SOURCE

| | |
|--|--------------------------|
| Luminaire type | LED |
| Number of light sources LED rows lamps | 1 |
| Colour temperature | 4000 K |
| Colour rendering index | >80 |
| Number of LEDs | 900 |
| Standard Deviation of Colour Matching (SDCM) | 3 |
| Control gear exchangeable | yes, by qualified person |
| Light source exchangeable | yes, by qualified person |

LIGHTING ENGINEERING

| | |
|-----------------------------------|---------------------------|
| Light distributor | Diffuser lens/optic/panel |
| Light distribution angle | 120 ° |
| Light distribution | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 26 / 27 |

CAPACITY

| | |
|---|-------------------------|
| outdoor area | Protected outdoor area* |
| Rebuildable | false |
| IK-Impact resistance | IK07 |
| Protection class (IP) | IP66 |
| Use in animal husbandry | not suitable |
| Vandalism protection | false |
| Warranty | 5 Years |
| Life expectancy B50 at 25° in hours (h) | |
| L90/B50 25°C | 62816 |
| L80/B50 25°C | >100000 |
| L70/B50 25°C | >100000 |
| Life expectancy B10 at 25° in hours (h) | |
| L90/B10 25°C | 55794 |
| L80/B10 25°C | >100000 |
| L70/B10 25°C | >100000 |
| Life expectancy B50 at 45° in hours (h) | |
| L80/B50 45°C | 98688 |
| L70/B50 45°C | >100000 |
| max. lowest temperature | -30 °C |
| max. highest temperature | 45 °C |

TECHNICAL DATA

| | |
|--|------------------------------------|
| Dimming type | No dim function |
| Filament test | 850 °C |
| Protection class | class I |
| Circuit Breaker B10A | 11 Luminaires |
| Circuit Breaker B16A | 18 Luminaires |
| Circuit Breaker C10A | 18 Luminaires |
| Circuit Breaker C16A | 30 Luminaires |
| Voltage spike protection U (L-PE) | 4,0 kV |
| Voltage spike protection U (L-N) | 2,0 kV |
| Through-wiring mm ² | 3x1,5 |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | According to area of application |
| Emergency light suitability of the luminaire | Yes, with article number 9137375NZ |
| Rated voltage | 220–240V 0/50/60 Hz |

PACKAGING

| | |
|------------------|-----------|
| VPE 1 | |
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 1,75 m |
| Width | 0,07 m |
| Height | 0,07 m |
| Weight | 1,90 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 154 Piece |
| Length | 1,75 m |
| Width | 0,80 m |
| Height | 1,10 m |
| Weight | 312,60 kg |

FURTHER PRODUCT INFORMATION

| | |
|-------------------|------------|
| REACH-Info | false |
| REACH-Listdate | 2024-01-23 |
| Market labelling | CE |
| Product labelling | RoHS, WEEE |

* Protected outdoor area:

a canopy protects the luminaire of direct solar radiation. It is to be ensured that for mounting beneath the edge, the luminaire does not withstand heavy rainfall. Typically a height difference of 0,5 times the roof overhang compared to the luminaire should not be exceeded.

The right of error and later technical developments is reserved. 15.08.2024

Values may be extrapolated differently from TM21.

