

Article-No: 9137374

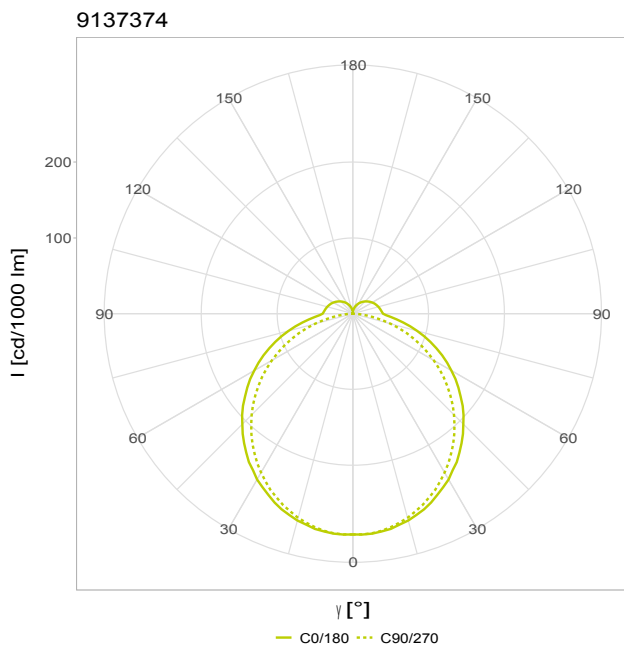
Profile luminaire



KATLA INDUSTRY 1.5m PCO 1x47W 120° 6800lm 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 4018098298199
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

Length	1465 mm
Width	59 mm
Height	62 mm
Net weight	1,50 kg

ASSEMBLY AND MAINTENANCE

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

OUTPUT

Luminous flux	6800 lm
Systempower	47 W
Efficacy	145 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	576
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 9137374NZ
Rated voltage	220–240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,50 m
Width	0,07 m
Height	0,07 m
Weight	1,70 kg
VPE 2	
Unit	Pallet
Content quantity	154 Piece
Length	1,47 m
Width	0,80 m
Height	1,10 m
Weight	281,80 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.

