

Article-No: 9139005

Profile luminaire



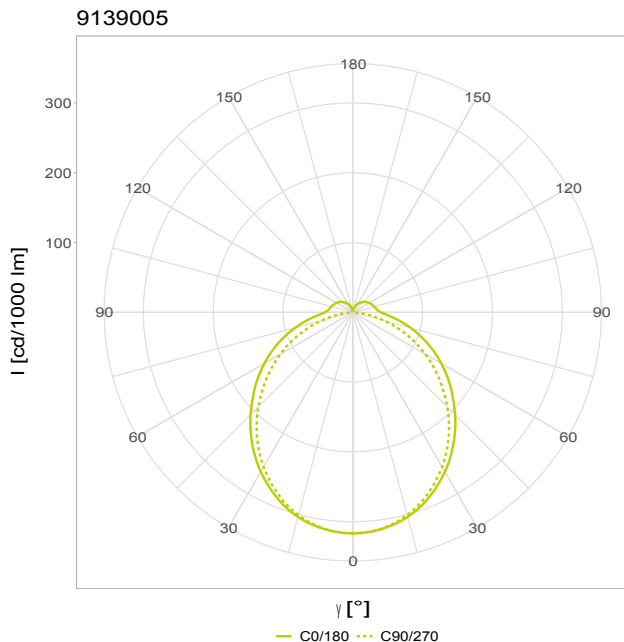
## KATLA ONE 2m PCO

### 1x17/23/32/38W 120°

### 2400/3500/4700/5700lm 840

### TW3x1,5 class I

Sustainable LED damp-proof surface mounted luminaire, with a luminaire housing made of opalized polycarbonate recyclate and short, aging-resistant gaskets made of silicone. REMADE: LED luminaire made from 100% recycled plastics. REUSE: Includes patented sled technology and clip closure for easy modular component replacement of driver and LED board. The luminaire has an integrated dip-switch that regulates luminous flux and brightness in up to 4 levels. Profile luminaire optimized for offices, garages, hallways, carports, basements, commercial and industrial applications. Variable mounting distances and easy installation thanks to PRACHT-KLAMMER-SYSTEM. Suitable for ceiling, horizontal wall, pendant and trunking mounting. Configurability: End caps and choke plugs can be customized in color. Communication area possible via laser engraving or stickers, on both sides along the entire length of the luminaire. Multiple luminaires can be individually combined using ONE CONNECT.



GTIN 4018098443148

Statistical product number 94054231

## DIMENSIONS AND WEIGHTS

Length	1965 mm
Width	59 mm
Height	58 mm
Net weight	1,70 kg

## OUTPUT

Luminous flux	5700 lm
Systempower	38 W
Efficacy	150 lm/W
Energy efficiency class of the light source	C

## ASSEMBLY AND MAINTENANCE

Optional mounting type	Pendulum mounting, horizontal Wall, mounting rail, ONE CONNECT System
Standard mounting	Ceiling

## LIGHT SOURCE

Luminaire type	LED
Number of light sources   LED rows   lamps	1
Colour temperature	4000 K
Colour rendering index	>80
Number of LEDs	240
Standard Deviation of Colour Matching (SDCM)	5
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	23 / 25

## MATERIAL

Cover material	PCOr - Polycarbonate OPAL Recyclate
Housing material	PC-PBT Recyclate
Housing colour	opalized

## CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK06
Protection class (IP)	IP65
Use in animal husbandry	not suitable
Vandalism protection	false
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	71880
L80/B50 25°C	>100000
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	57489
L80/B10 25°C	>100000
L70/B10 25°C	>100000
Life expectancy B50 at 35° in hours (h)	
L90/B50 35°C	58346
L80/B50 35°C	>100000
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

## TECHNICAL DATA

Dimming type	No dim function
Filament test	650 °C
Protection class	class I
Circuit Breaker B10A	12 Luminaires
Circuit Breaker B16A	20 Luminaires
Circuit Breaker C10A	21 Luminaires
Circuit Breaker C16A	34 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm <sup>2</sup>	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 9139005NZ
Rated voltage	220–240V 0/50/60 Hz

## PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	2,00 m
Width	0,06 m
Height	0,06 m
Weight	2,40 kg
VPE 2	
Unit	Pallet
Content quantity	154 Piece
Length	2,00 m
Width	0,80 m
Height	1,10 m
Weight	395,00 kg

## FURTHER PRODUCT INFORMATION

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

## Accessories (optional)

Article-No:	Designation
555901	ONE 2 CONNECT 180
555902	ONE 2 CONNECT 90
555903	ONE 4 CONNECT
555904	ONE 6 CONNECT

\* 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.

