

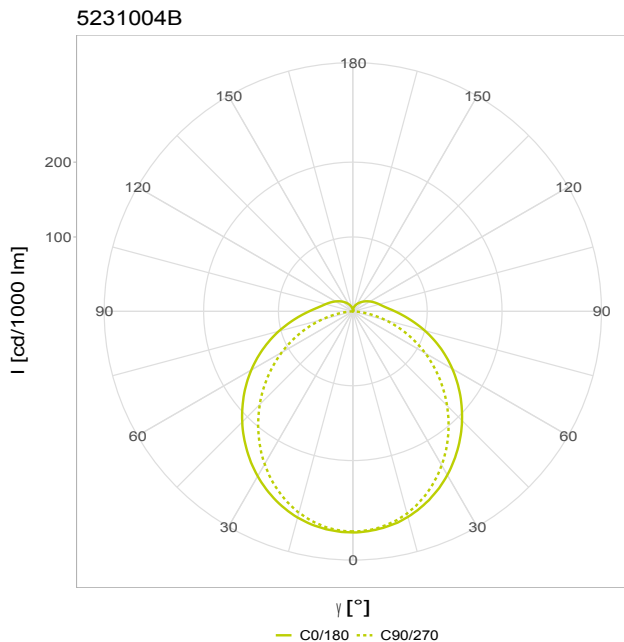
Article-No: 5231004B
Surface-mounted luminaires



KATLA BL 1.2m PCO 1x20W 120° 2800lm 840 TW3x1,5

Luminaire KATLA BL 1240mm PCO 1x20W 2800lm, SK I, IP65, high efficiency LEDs, wide beam, 4.000K, Ra= >80, Ta:-20°C/35°C, housing made of PC-polycarbonate and cover made of PC-OPAL, EAN/GTIN:4018098391173. LED damp proof surface mounted luminaire, BEG eligible, made of very narrow translucent opalized polycarbonate (IK08, impact resistant) luminaire housing, with short ageing resistant silicone gaskets. Including 3x1,5mm² through-wiring ex works. Profile luminaire optimized for parking garages, basements and workshops. Extremely easy installation due to all-round renewed PRACHT-SLIDER and variable mounting distances thanks to PRACHT-KLAMMER-SYSTEM. Suitable for ceiling, horizontal wall, pendant and trunking mounting. Light colors, control, emergency lighting modules, REMADE and much more - We configure in the PRO LINE according to your requirements.

GTIN 4018098391173
Statistical product number 94054231



DIMENSIONS AND WEIGHTS

Length	1240 mm
Width	68 mm
Height	71 mm
Net weight	1,10 kg

OUTPUT

Luminous flux	2800 lm
Systempower	20 W
Efficacy	140 lm/W
Energy efficiency class of the light source	C

ASSEMBLY AND MAINTENANCE

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

MATERIAL

Cover material	PCO - Polycarbonate OPAL
Housing material	PC-Polycarbonate
Housing colour	white

LIGHT SOURCE

Luminaire type	LED
Number of light sources LED rows lamps	1
Colour temperature	4000 K
Colour rendering index	>80
Standard Deviation of Colour Matching (SDCM)	5
Control gear exchangeable	not exchangeable
Light source exchangeable	not exchangeable

LIGHTING ENGINEERING

Light distributor	Diffuser lens/optic/panel
Light distribution angle	120 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	21 / 23

CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK08
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	58600
L80/B50 25°C	100000
L70/B50 25°C	100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	51400
L80/B10 25°C	100000
L70/B10 25°C	100000
Life expectancy B50 at 35° in hours (h)	
L90/B50 35°C	55400
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	18 Luminaires
Circuit Breaker B16A	28 Luminaires
Circuit Breaker C10A	30 Luminaires
Circuit Breaker C16A	48 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm ²	3x1,5
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	No
Rated voltage	220-240V 50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,29 m
Width	0,07 m
Height	0,08 m
Weight	1,40 kg
VPE 2	
Unit	Pallet
Content quantity	108 Piece
Length	1,29 m
Width	0,80 m
Height	1,10 m
Weight	171,20 kg

FURTHER PRODUCT INFORMATION

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

Accessories (optional)

Article-No:	Designation
5552310	Replacement end cap KATLA BL made of polycarbonate (IK 08, impact resistant)
5552320	Extra mountingeset KATLA BL Ceiling, pendant and trunking rail mounting

* 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.

