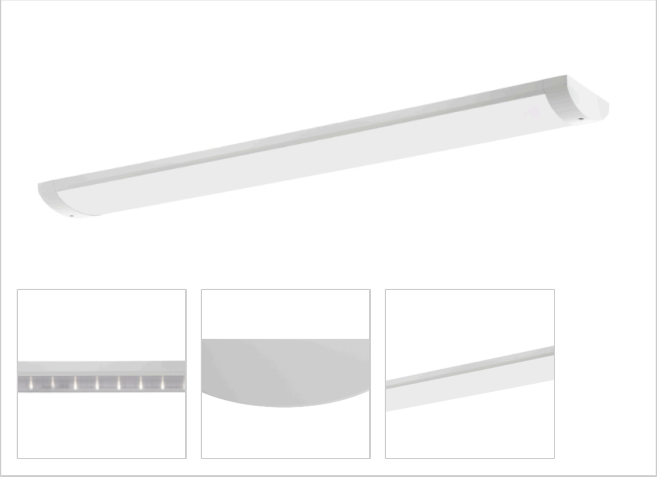
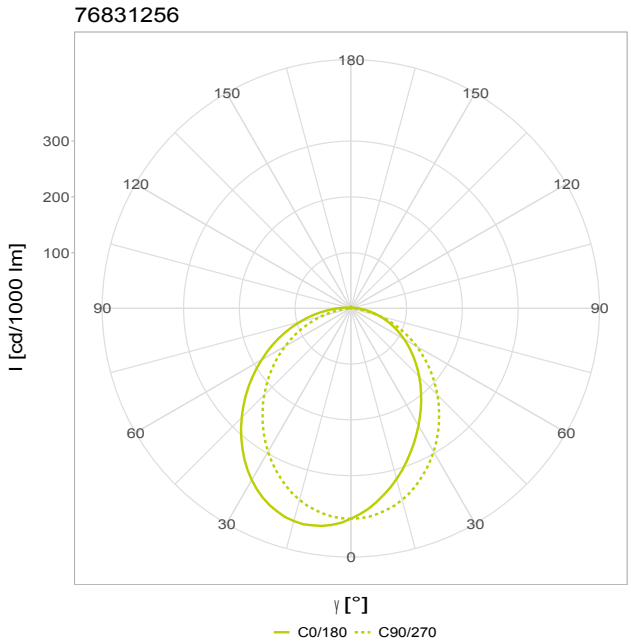
Article-No: 76831256
Surface-mounted luminaires



TROJA G2 1.6m PCO 1x46W A100° 5700lm 840 TW5x2,5 class I

Vandalism protected LED lamp with MID-Power LEDs, LED unit integrated in cover and easily connected via PRACHT EASY CONNECT (PEC) System. Built-in converter. Flat, sturdy aluminium housing with integrated ceiling- / wall-side cable duct, impact resistant opal polycarbonate cover, frame profile made of aluminium, end caps made of die-cast aluminium, powder-coated, white, with Allen or safety locking screws, surrounding silicone gasket one-man assembly, variable mounting points with PRACHT-CLIP-SYSTEM, after installation the mounting clips are hidden underneath the cover panel.

GTIN	4018098313809
Statistical product number	94054239



DIMENSIONS AND WEIGHTS

Length	1561 mm
Width	260 mm
Height	70 mm
Net weight	9,00 kg

OUTPUT

Luminous flux	5700 lm
Systempower	46 W
Efficacy	124 lm/W
Energy efficiency class of the light source	C

ASSEMBLY AND MAINTENANCE

Optional mounting type	Corner mounting, Trunking system, horizontal Wall
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	180
Standard Deviation of Colour Matching (SDCM)	3
Control gear exchangeable	yes, by qualified person
Light source exchangeable	yes, by qualified person

LIGHTING EGINEERING

Light distributor	Reflector
Light distribution angle	100 °
Light distribution	asymmetric
Glare limitation UGR 4H 8H C0 C90	20 / 20

CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK11 (100J)
Protection class (IP)	IP65
Use in animal husbandry	not suitable
Vandalism protection	true
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	73730
L80/B50 25°C	>100000
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	59851
L80/B10 25°C	>100000
L70/B10 25°C	>100000
Life expectancy B50 at 45° in hours (h)	
L90/B50 45°C	62816
L80/B50 45°C	>100000
L70/B50 45°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	45 °C

MATERIAL

Cover material	PCO - Polycarbonate OPAL
Housing material	Aluminium
Housing colour	White RAL 9010

TECHNICAL DATA

ENEC	true
Dimming type	No dim function
Filament test	960 °C
Protection class	class I
Circuit Breaker B10A	16 Luminaires
Circuit Breaker B16A	26 Luminaires
Circuit Breaker C10A	26 Luminaires
Circuit Breaker C16A	43 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection U (L-N)	1,0 kV
Through-wiring mm²	5x2,5
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	No
Rated voltage	220–240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,65 m
Width	0,26 m
Height	0,07 m
Weight	9,70 kg
VPE 2	
Unit	Pallet
Content quantity	24 Piece
Length	1,65 m
Width	0,80 m
Height	1,12 m
Weight	252,80 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 ofdirect solar radiation. It is to be ensured that for mountingbeneath the edge, the luminaire does not withstand heavyrainfall. Typically a height difference of 0,5 times the roofoverhang 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.