

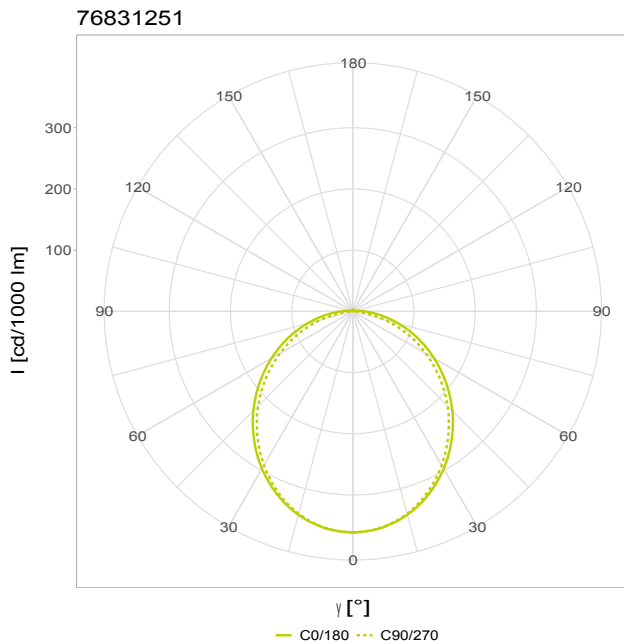
Article-No: 76831251  
Surface-mounted luminaires



## TROJA G2 1.6m PCO 1x46W 110° 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 4018098313793  
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 ENGINEERING

Light distributor	Reflector
Light distribution angle	110 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	20 / 22

## 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 mm <sup>2</sup>	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 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.

