

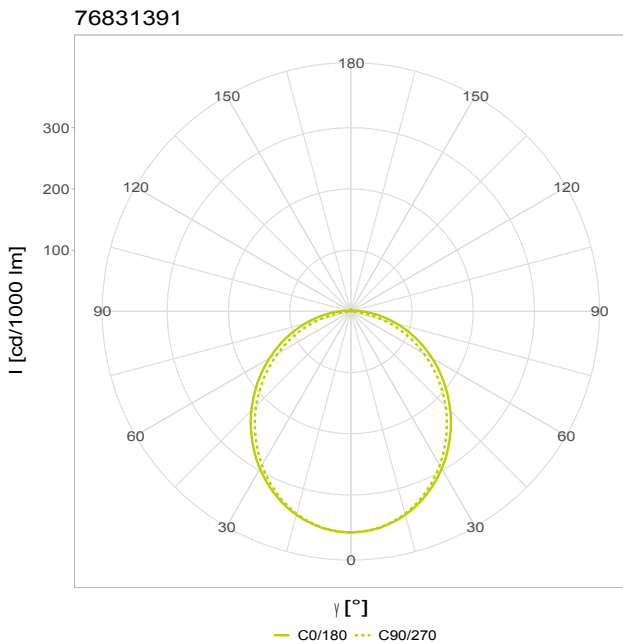
Article-No: 76831391  
 Surface-mounted luminaires



**TROJA G2 DALI 1.3m PCO  
 1x44W 110° 5400lm 840  
 TW5x2,5+2x1,5 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 4018098313588  
 Statistical product number 94054239



**DIMENSIONS AND WEIGHTS**

|            |         |
|------------|---------|
| Length     | 1261 mm |
| Width      | 260 mm  |
| Height     | 70 mm   |
| Net weight | 7,00 kg |

**OUTPUT**

|   |          |
|---|----------|
| Luminous flux                               | 5400 lm  |
| Systempower                                 | 44 W     |
| Efficacy                                    | 123 lm/W |
| Energy efficiency class of the light source | C        |

**ASSEMBLY AND MAINTENANCE**

|                        |   |
|------------------------|---|
| Optional mounting type | Corner mounting,<br>Trunking system,<br>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                               | 144                      |
| 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 | 21 / 23   |

## 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                            | 57640                   |
| 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                                 | Dimming DALI<br>Dimming DALI-2 |
| Filament test                                | 960 °C                         |
| Protection class                             | class I                        |
| Circuit Breaker B10A                         | 20 Luminaires                  |
| Circuit Breaker B16A                         | 32 Luminaires                  |
| Circuit Breaker C10A                         | 33 Luminaires                  |
| Circuit Breaker C16A                         | 53 Luminaires                  |
| Voltage spike protection U (L-PE)            | 2,0 kV                         |
| Voltage spike protection U (L-N)             | 1,0 kV                         |
| Through-wiring mm²                           | 5x2,5+2x1,5                    |
| 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           | 1,35 m    |
| Width            | 0,26 m    |
| Height           | 0,07 m    |
| Weight           | 7,50 kg   |
| VPE 2            |           |
| Unit             | Pallet    |
| Content quantity | 24 Piece  |
| Length           | 1,35 m    |
| Width            | 0,80 m    |
| Height           | 1,12 m    |
| Weight           | 200,00 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.

