

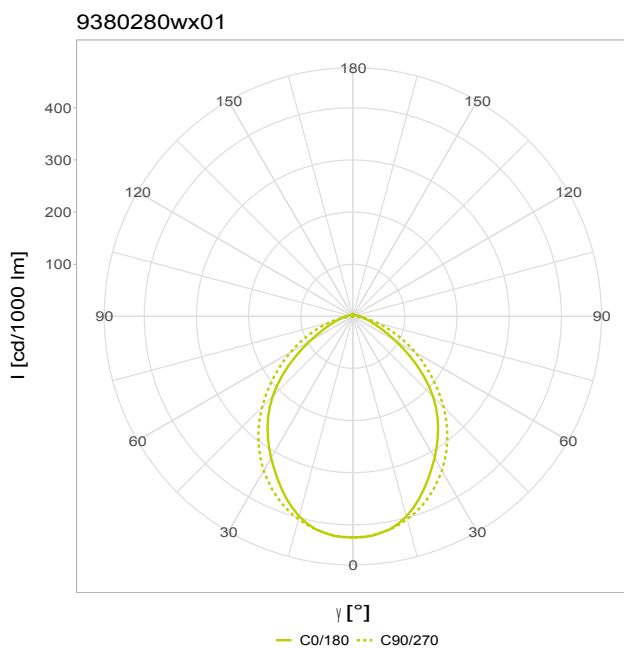
Article-No: 9380280wx01

Reflector luminaire



## APOLLO G2 XLS C DM 1.6m PO 2x81W 090° 25000lm 840 TW5x2,5+2x1,5 class I

New generation of the proven APOLLO damp-proof reflector luminaire. Redesigned beautiful frame-end pieces made of PBT. Simple one-man assembly of the reflector with integrated plug and directional guide and captive, easy-to-close clips made of stainless steel. Seamless enclosed tubular housing made of white, fibre-glass reinforced, hardly inflammable, largely acid and alkali-resistant polyester resin. Protection class IP65. Reflector can be swiveled through 120°, with practical detent mechanism in 10° steps. Short, ageing-resistant silicone seals. Electronic ballast integrated. Particularly robust due to thermal decoupling of LED and converter. Through-wiring up to max. 5x2.5mm<sup>2</sup> + 2x1.5mm<sup>2</sup> possible. The permissible ambient temperature decreases by 1°C per 2A of the through-wiring. Variable mounting points with PRACHT CLAMP SYSTEM made of stainless steel, suitable for ceiling- and horizontal wall mounting, accessories for pendant and mounting rail installation available for order. Now also available as XLS series extension. eXtended Lighting Solutions by PRACHT. Connected by Bluetooth Low Energy and manageable with Casambi. The DALI-Master luminaire contains its own module, allowing it to manage up to 15 further standard DALI luminaires.



GTIN 4018098333425  
Statistical product number 94054231

## DIMENSIONS AND WEIGHTS

|            |         |
|------------|---------|
| Length     | 1560 mm |
| Width      | 232 mm  |
| Height     | 142 mm  |
| Net weight | 4,70 kg |

## OUTPUT

|   |          |
|---|----------|
| Luminous flux                               | 25000 lm |
| Systempower                                 | 162 W    |
| Efficacy                                    | 154 lm/W |
| Energy efficiency class of the light source | C        |

## ASSEMBLY AND MAINTENANCE

|                        |   |
|------------------------|---|
| Optional mounting type | Pendulum mounting,<br>mounting rail,<br>horizontal Wall |
| Standard mounting      | Ceiling   |

## LIGHT SOURCE

|   |                          |
|---|--------------------------|
| Luminaire type                                  | LED                      |
| Number of light sources  <br>LED rows   lamps   | 2                        |
| Colour temperature                              | 4000 K                   |
| Colour rendering index                          | >80                      |
| Number of LEDs                                  | 360                      |
| Standard Deviation of<br>Colour Matching (SDCM) | 3                        |
| Control gear<br>exchangeable                    | yes, by qualified person |
| Light source<br>exchangeable                    | yes, by manufacturer     |

## LIGHTING ENGINEERING

|                                      |                           |
|--------------------------------------|---------------------------|
| Light distributor                    | with swivelling reflector |
| Light distribution angle             | 90 °                      |
| Light distribution                   | wide beam                 |
| Glare limitation<br>UGR 4H 8H C0 C90 | 26 / 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) |                         |
| L80/B50 25°C                            | >100000                 |
| L70/B50 25°C                            | >100000                 |
| Life expectancy B10 at 25° in hours (h) |                         |
| L80/B10 25°C                            | >100000                 |
| L70/B10 25°C                            | >100000                 |
| Life expectancy B50 at 40° in hours (h) |                         |
| L80/B50 40°C                            | 91731                   |
| L70/B50 40°C                            | >100000                 |
| max. lowest temperature                 | -20 °C                  |
| max. highest temperature                | 40 °C                   |

## MATERIAL

|                  |                 |
|------------------|-----------------|
| Cover material   | PO - PRACHTOPAL |
| Housing material | GRP polyester   |
| Housing colour   | White RAL 9010  |

## TECHNICAL DATA

|                                      |                                  |
|--------------------------------------|----------------------------------|
| Dimming type                         | Manufacturer-specific<br>dimming |
| Filament test                        | 650 °C                           |
| Protection class                     | class I                          |
| Circuit Breaker B10A                 | 8 Luminaires                     |
| Circuit Breaker B16A                 | 11 Luminaires                    |
| Circuit Breaker C10A                 | 14 Luminaires                    |
| Circuit Breaker C16A                 | 18 Luminaires                    |
| Voltage spike protection<br>U (L-PE) | 4,0 kV                           |
| Voltage spike protection<br>U (L-N)  | 4,0 kV                           |
| Through-wiring mm²                   | 5x2,5+2x1,5                      |
| D-marking                            | true                             |
| Voltage type acc. ETIM               | AC/DC                            |
| IFS suitable                         | true                             |
| Emergency light suitable<br>(EL)     | false                            |
| Rated voltage                        | 220–240V 0/50/60 Hz              |

## PACKAGING

|                  |           |
|------------------|-----------|
| VPE 1            |           |
| Unit             | Carton    |
| Content quantity | 1 Piece   |
| Length           | 1,60 m    |
| Width            | 0,26 m    |
| Height           | 0,16 m    |
| Weight           | 5,70 kg   |
| VPE 2            |           |
| Unit             | Pallet    |
| Content quantity | 28 Piece  |
| Length           | 1,70 m    |
| Width            | 0,80 m    |
| Height           | 1,30 m    |
| Weight           | 180,00 kg |

## WIRELESS LIGHTING CONTROL

|                                 |         |
|---------------------------------|---------|
| radio standard                  | Casambi |
| radio distance maximum          | 25,00 m |
| controllable dali<br>luminaires | 14      |

## FURTHER PRODUCT INFORMATION

|                   |            |
|-------------------|------------|
| REACH-Info        | false      |
| REACH-Listdate    | 2023-06-29 |
| Market labelling  | CE         |
| Product labelling | RoHS, WEEE |

## Accessories (optional)

| Article-No: | Designation  |
|-------------|--|
| 9800002     | XLS CC SWITCH- Extension of a traditional wall switch                        |
| 9800003     | XLS CC CONTROLLER wireless button user interface (battery powered 8 buttons) |
| 9800004     | XLS CCS ASYM - Daylight and movement detector (infrared)                     |
| 9800005     | XLS CCS HRO - Daylight and movement detector (infrared)                      |
| 9800007     | XLS CCS HF (High-Frequency)  |

\* 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. 15.03.2024*

Values may be extrapolated differently from TM21.

