

Article-No: 9380195m

Reflector luminaire

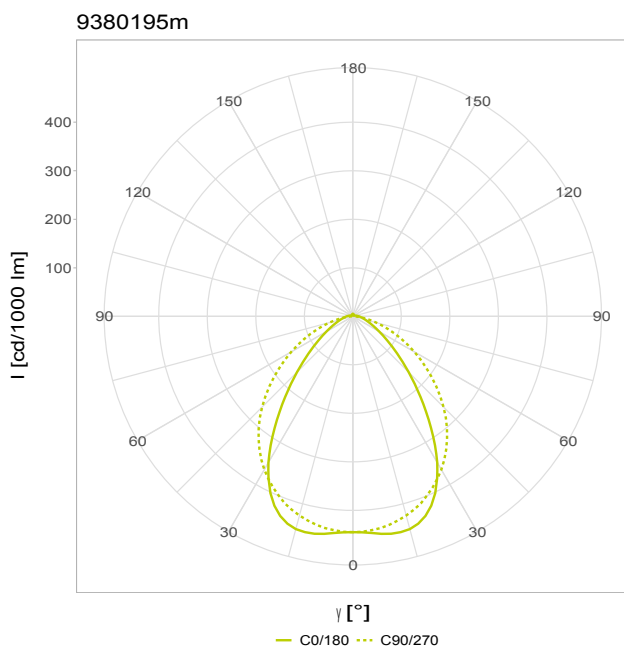


APOLLO G2 1.6m PO 2x49W 080° 14400lm 840 TW5x2,5 class I

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. 5x2.5mm² + 2x1.5mm² 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.

GTIN 4018098317067

Statistical product number 94054231



DIMENSIONS AND WEIGHTS

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

OUTPUT

| | |
|---|----------|
| Luminous flux | 14400 lm |
| Systempower | 98 W |
| Efficacy | 147 lm/W |
| Energy efficiency class of the light source | C |

ASSEMBLY AND MAINTENANCE

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

LIGHT SOURCE

| | |
|---|--------------------------|
| Luminaire type | LED |
| Number of light sources LED rows lamps | 2 |
| Colour temperature | 4000 K |
| Colour rendering index | >80 |
| Number of LEDs | 240 |
| Standard Deviation of Colour Matching (SDCM) | 3 |
| Control gear exchangeable | yes, by qualified person |
| Light source exchangeable | yes, by manufacturer |

LIGHTING ENGINEERING

| | |
|--------------------------------------|---------------------------|
| Light distributor | with swivelling reflector |
| Light distribution angle | 80 ° |
| Light distribution | medium beam |
| Glare limitation UGR 4H 8H C0 C90 | 24 / 20 |

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 | 50744 |
| 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 | 94641 |
| L70/B50 40°C | >100000 |
| max. lowest temperature | -25 °C |
| max. highest temperature | 40 °C |

MATERIAL

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

TECHNICAL DATA

| | |
|--------------------------------------|---------------------|
| ENEC | true |
| Dimming type | No dim function |
| Filament test | 650 °C |
| Protection class | class I |
| Circuit Breaker B10A | 5 Luminaires |
| Circuit Breaker B16A | 8 Luminaires |
| Circuit Breaker C10A | 8 Luminaires |
| Circuit Breaker C16A | 13 Luminaires |
| Voltage spike protection U (L-PE) | 2,0 kV |
| Voltage spike protection U (L-N) | 1,0 kV |
| Through-wiring mm ² | 5x2,5 |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | true |
| Emergency light suitable (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 |

FURTHER PRODUCT INFORMATION

| | |
|-------------------|------------|
| REACH-Info | false |
| REACH-Listdate | 2023-06-29 |
| 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. 15.03.2024*

Values may be extrapolated differently from TM21.

