

Article-No: 9480020wx00

Reflector luminaire

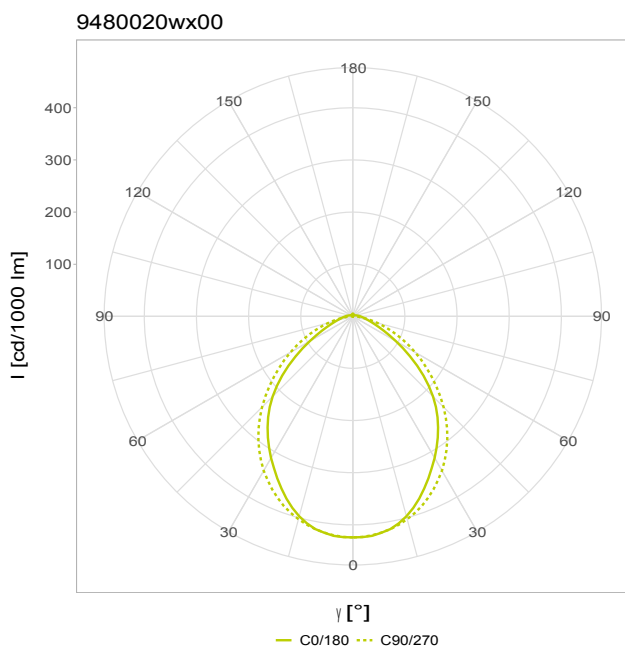


APOLLO G2 XLS C 1.6m PO 1x27W 090° 4700lm 840 TW5x2,5 class I

New generation of the proven APOLLO damp-proof reflector luminaire. Elegant socket end pieces made of newly designed PBT. Easy one-man installation of the reflector through integrated plug-in device with directional guides and captive, easy-to-close clips made of stainless steel. All-round closed housing made of white, glass fiber reinforced, flame-retardant, largely acid and alkali-resistant polyester resin, protection class IP65. Reflector swivels 120°, with practical locking in 10° steps. Short, aging-resistant silicone seals. Integrated electronic converter. 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 for every 2A load of the through-wiring. Variable mounting distances through PRACHT-CLAMP-SYSTEM made of stainless steel, suitable for ceiling and horizontal wall mounting, pendant and rail mounting with accessories possible.

GTIN 4018098419587

Statistical product number 94054231



DIMENSIONS AND WEIGHTS

| | |
|------------|---------|
| Length | 1560 mm |
| Width | 105 mm |
| Height | 152 mm |
| Net weight | 3,10 kg |

OUTPUT

| | |
|---------------------------------------------|----------|
| Luminous flux | 4700 lm |
| Systempower | 27 W |
| Efficacy | 174 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 | 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 manufacturer |

LIGHTING ENGINEERING

| | |
|--------------------------------------|---------------------------|
| Light distributor | with swivelling reflector |
| Light distribution angle | 90 ° |
| Light distribution | wide beam |
| Glare limitation UGR 4H 8H C0 C90 | 22 / 19 |

MATERIAL

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

CAPACITY

| | |
|-----------------------------------------|-------------------------|
| outdoor area | Protected outdoor area* |
| Rebuildable | false |
| IK-Impact resistance | IK08 |
| Protection class (IP) | IP65 |
| Use in animal husbandry | with limitation |
| Vandalism protection | false |
| 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 | 68190 |
| L80/B50 45°C | >100000 |
| L70/B50 45°C | >100000 |
| max. lowest temperature | -20 °C |
| max. highest temperature | 45 °C |

TECHNICAL DATA

| | |
|-------------------------------------------------|-------------------------------------------|
| Dimming type | Manufacturer-specific dimming |
| Filament test | 650 °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 mm ² | 5x2,5 |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | true |
| Emergency light suitability of the luminaire | Yes, with article number 9480020wx00NZ |
| Rated voltage | 220-240V 0/50/60 Hz |

PACKAGING

| VPE 1 | |
|------------------|-----------|
| Unit | Carton |
| Content quantity | 1 Piece |
| Length | 1,60 m |
| Width | 0,12 m |
| Height | 1,16 m |
| Weight | 3,70 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 42 Piece |
| Length | 1,70 m |
| Width | 0,80 m |
| Height | 1,30 m |
| Weight | 176,00 kg |

WIRELESS LIGHTING CONTROL

| | |
|------------------------|---------|
| radio standard | Casambi |
| radio distance maximum | 25,00 m |

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.

