

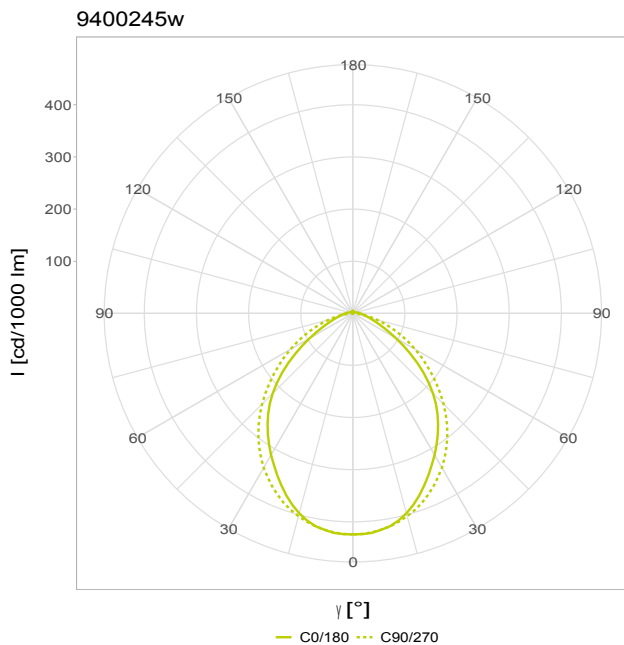
Article-No: 9400245w

Reflector luminaire



APOLLO G2 INDUSTRY 1.6m PO 1x47W 090° 7200lm 840 TW without class I

New generation of the proven APOLLO damp-proof reflector luminaire in the industry version. 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 with integrated industry LED circuit boards can be swiveled through 120°, with practical detent mechanism in 10° steps. Short, ageing-resistant silicone seals. Durable industrial grade 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 4018098427025
Statistical product number 94054231

DIMENSIONS AND WEIGHTS

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

OUTPUT

| | |
|---|----------|
| Luminous flux | 7200 lm |
| Systempower | 47 W |
| Efficacy | 153 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 | 24 / 21 |

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 | not suitable |
| 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 60° in hours (h) | |
| L90/B50 60°C | 50384 |
| L80/B50 60°C | >100000 |
| L70/B50 60°C | >100000 |
| max. lowest temperature | -45 °C |
| max. highest temperature | 60 °C |

TECHNICAL DATA

| | |
|---|--|
| ENEC | true |
| Dimming type | No dim function |
| 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) | 4,0 kV |
| Voltage spike protection U (L-N) | 4,0 kV |
| Through-wiring mm ² | without |
| D-marking | true |
| Voltage type acc. ETIM | AC/DC |
| IFS suitable | true |
| Emergency light suitability of the luminaire | Yes, with article number 9400245wNZ |
| 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 | 0,16 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 |

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.

