

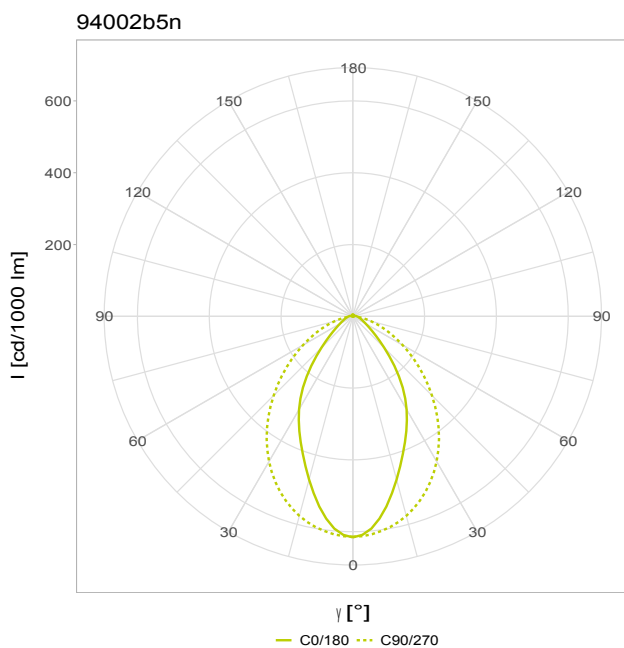
Article-No: 94002b5n

Reflector luminaire



## APOLLO G2 INDUSTRY 1.6m PO 2x86W 060° 25000lm 840 TWwithout 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. 5x2.5mm<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.



GTIN 4018098429067  
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                                 | 172 W    |
| Efficacy                                    | 145 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             | 60 °                      |
| Light distribution                   | deep beam                 |
| Glare limitation<br>UGR 4H 8H C0 C90 | 26 / 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) |                         |
| L80/B50 25°C                            | 98638                   |
| L70/B50 25°C                            | >100000                 |
| Life expectancy B10 at 25° in hours (h) |                         |
| L80/B10 25°C                            | 98638                   |
| L70/B10 25°C                            | >100000                 |
| Life expectancy B50 at 50° in hours (h) |                         |
| L80/B50 50°C                            | 81418                   |
| L70/B50 50°C                            | >100000                 |
| max. lowest temperature                 | -45 °C                  |
| max. highest temperature                | 50 °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                            | 7 Luminaires                           |
| Circuit Breaker B16A                            | 11 Luminaires                          |
| Circuit Breaker C10A                            | 11 Luminaires                          |
| Circuit Breaker C16A                            | 19 Luminaires                          |
| Voltage spike protection<br>U (L-PE)            | 4,0 kV                                 |
| Voltage spike protection<br>U (L-N)             | 4,0 kV                                 |
| Through-wiring mm <sup>2</sup>                  | without                                |
| D-marking                                       | true                                   |
| Voltage type acc. ETIM                          | AC/DC                                  |
| IFS suitable                                    | true                                   |
| Emergency light<br>suitability of the luminaire | Yes, with article number<br>94002b5nNZ |
| 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    | 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.

