

Article-No: 94800a5w

Reflector luminaire

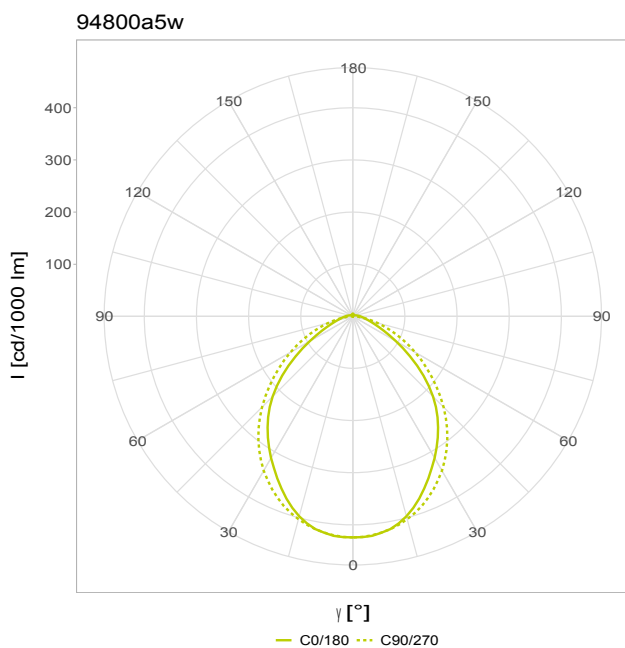


## APOLLO G2 1.6m PO 2x64W 090° 20400lm 840 TW5x2,5 class I

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. 5x2.5mm<sup>2</sup> + 2x1.5mm<sup>2</sup> 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 4018098422211

Statistical product number 94054231



## DIMENSIONS AND WEIGHTS

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

## OUTPUT

|   |          |
|---|----------|
| Luminous flux                               | 20400 lm |
| Systempower                                 | 128 W    |
| Efficacy                                    | 159 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 | 25 / 23                   |

## 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 40° in hours (h) |                         |
| L90/B50 40°C                            | 57640                   |
| L80/B50 40°C                            | >100000                 |
| L70/B50 40°C                            | >100000                 |
| max. lowest temperature                 | -20 °C                  |
| max. highest temperature                | 40 °C                   |

## 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<br>U (L-PE)            | 2,0 kV                                 |
| Voltage spike protection<br>U (L-N)             | 1,0 kV                                 |
| Through-wiring mm <sup>2</sup>                  | 5x2,5                                  |
| D-marking                                       | true                                   |
| Voltage type acc. ETIM                          | AC/DC                                  |
| IFS suitable                                    | true                                   |
| Emergency light<br>suitability of the luminaire | Yes, with article number<br>94800a5wNZ |
| Rated voltage                                   | 220-240V 0/50/60 Hz                    |

## PACKAGING

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| 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

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|                   |            |
|-------------------|------------|
| 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.

