

Article-No: 94810b5d

Reflector luminaire

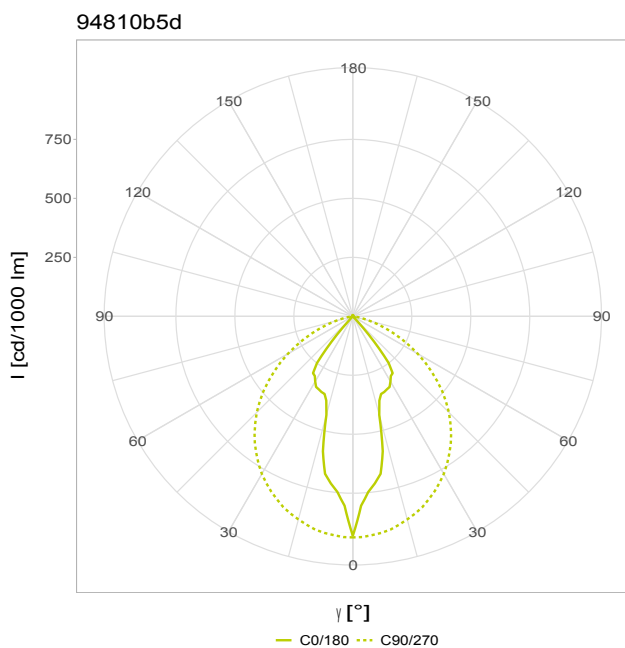


## APOLLO G2 1.6m PM 2x86W 030° 25000lm 840 TW5x2,5 class I

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 4018098422426

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, 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	360
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	30 °
Light distribution	narrow beam
Glare limitation UGR 4H 8H C0 C90	27 / 15

## CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK06
Protection class (IP)	IP65
Use in animal husbandry	with limitation
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 40° in hours (h)	
L80/B50 40°C	87901
L70/B50 40°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	40 °C

## MATERIAL

Cover material	PM - Polymethylmethacrylat
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	3 Luminaires
Circuit Breaker B16A	5 Luminaires
Circuit Breaker C10A	5 Luminaires
Circuit Breaker C16A	8 Luminaires
Voltage spike protection U (L-PE)	2,0 kV
Voltage spike protection 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 suitability of the luminaire	Yes, with article number 94810b5dNZ
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

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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.

