

Article-No: 94800b5m

Reflector luminaire

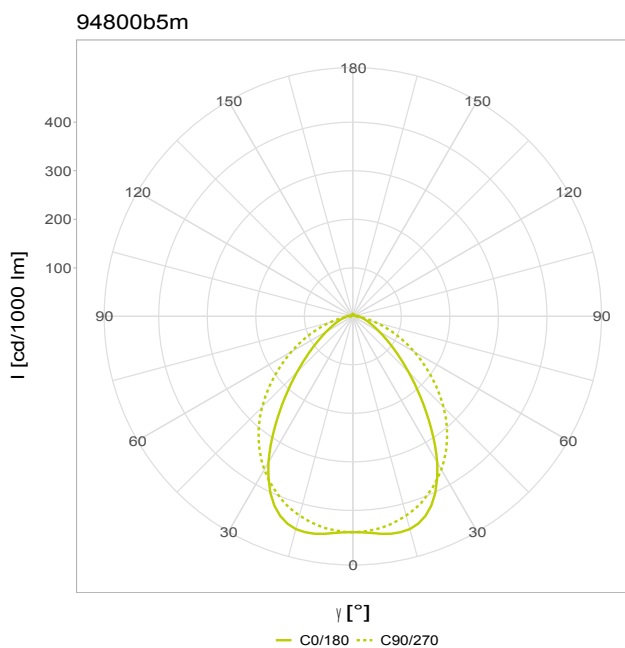


APOLLO G2 1.6m PO 2x86W 080° 25000lm 840 TW5x2,5 class I

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. 5x2.5mm² + 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 4018098422488

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	80 °
Light distribution	medium beam
Glare limitation UGR 4H 8H C0 C90	26 / 22

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)	
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	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	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 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 94800b5mNZ
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.

