

Article-No: 94800a9wx01

Reflector luminaire

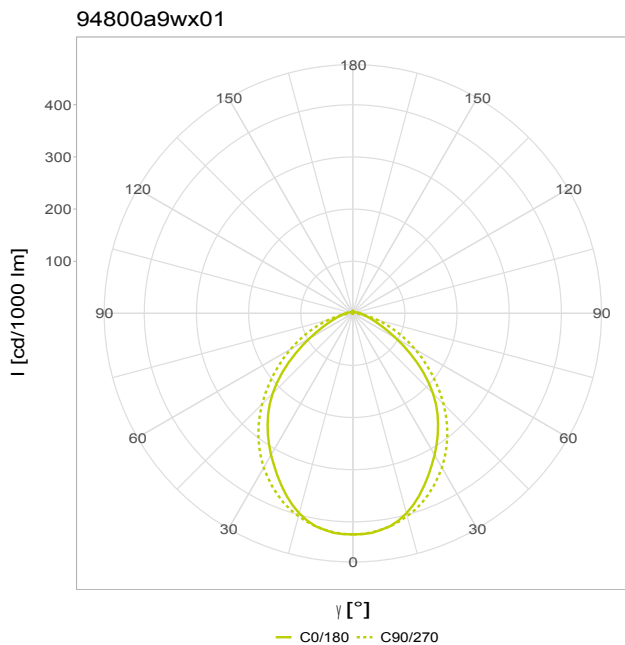


APOLLO G2 XLS C DM 1.3m PO 2x51W 090° 16200lm 840 TW5x2,5+2x1,5 class I

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 4018098419259

Statistical product number 94054231



DIMENSIONS AND WEIGHTS

Length	1260 mm
Width	232 mm
Height	142 mm
Net weight	4,40 kg

OUTPUT

Luminous flux	16200 lm
Systempower	102 W
Efficacy	159 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	288
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	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 35° in hours (h)	
L90/B50 35°C	62816
L80/B50 35°C	>100000
L70/B50 35°C	>100000
max. lowest temperature	-20 °C
max. highest temperature	35 °C

TECHNICAL DATA

Dimming type	Manufacturer-specific dimming
Filament test	650 °C
Protection class	class I
Circuit Breaker B10A	6 Luminaires
Circuit Breaker B16A	11 Luminaires
Circuit Breaker C10A	10 Luminaires
Circuit Breaker C16A	18 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+2x1,5
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	true
Emergency light suitability of the luminaire	Yes, with article number 94800a9wx01NZ
Rated voltage	220-240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	1,30 m
Width	0,26 m
Height	0,16 m
Weight	5,10 kg
VPE 2	
Unit	Pallet
Content quantity	28 Piece
Length	1,70 m
Width	0,80 m
Height	1,30 m
Weight	163,00 kg

WIRELESS LIGHTING CONTROL

radio standard	Casambi
radio distance maximum	25,00 m
controllable dali luminaires	14

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.

