

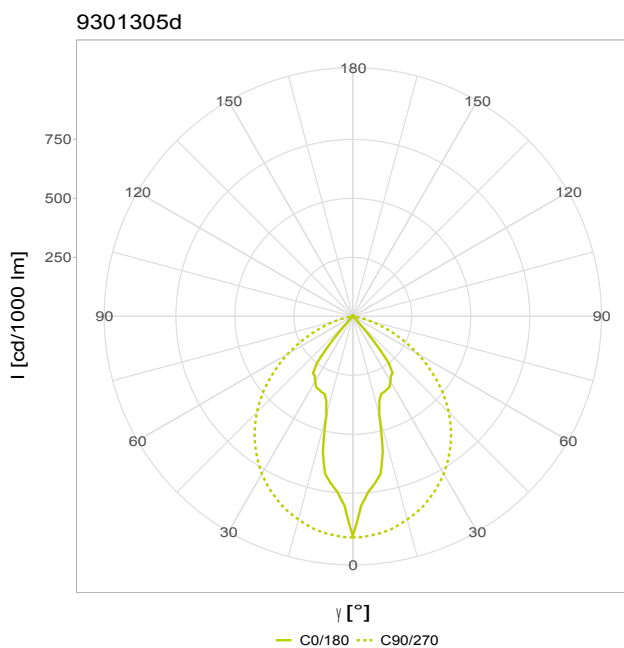
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Reflector luminaire



## APOLLO G2 INDUSTRY 1.6m PM 2x83W 030° 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 4018098320500  
Statistical product number 94054231

## DIMENSIONS AND WEIGHTS

Length	1560 mm
Width	232 mm
Height	142 mm
Net weight	4,20 kg

## OUTPUT

Luminous flux	25000 lm
Systempower	166 W
Efficacy	151 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	not suitable
Vandalism protection	false
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L80/B50 25°C	94641
L70/B50 25°C	>100000
Life expectancy B10 at 25° in hours (h)	
L80/B10 25°C	94641
L70/B10 25°C	>100000
Life expectancy B50 at 50° in hours (h)	
L80/B50 50°C	79795
L70/B50 50°C	>100000
max. lowest temperature	-45 °C
max. highest temperature	50 °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	7 Luminaires
Circuit Breaker B16A	11 Luminaires
Circuit Breaker C10A	11 Luminaires
Circuit Breaker C16A	19 Luminaires
Voltage spike protection U (L-PE)	4,0 kV
Voltage spike protection 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 suitable (EL)	false
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	2023-06-29
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. 15.03.2024*

Values may be extrapolated differently from TM21.

