

Article-No: 84422021

High Bay



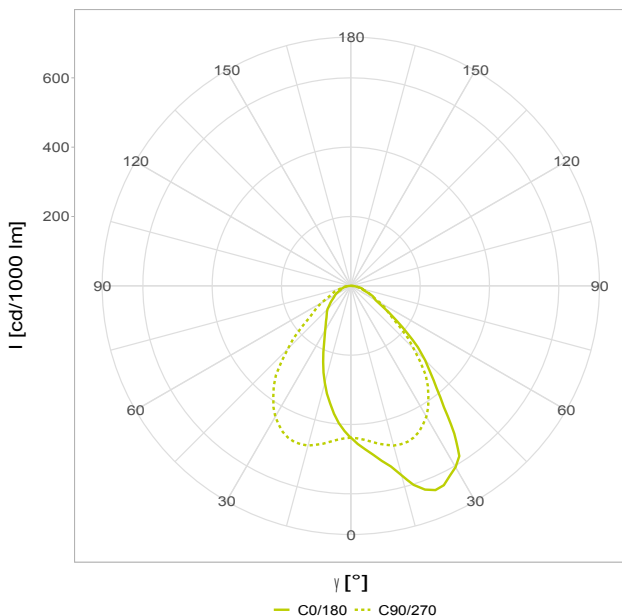
QUADRONIUS POOL DALI 29cm PMp 1x143W A055° 14700lm 840 TW without class I

LED High Bay with prismatic PMMA pane (impact resistant), suitable for usage in chlorinated surroundings because of a special coating, housing made of die cast aluminium, white coating, converter integrated in housing, electrical connection through free cable end, short, ageing-resistant silicone seals, delivered without mounting accessories, optional wall/ceiling mounting bracket.

GTIN 4018098268673

Statistical product number 94054239

84422021



DIMENSIONS AND WEIGHTS

Length	288 mm
Width	288 mm
Height	170 mm
Net weight	8,00 kg

OUTPUT

Luminous flux	14700 lm
Systempower	143 W
Efficacy	103 lm/W
Energy efficiency class of the light source	D

ASSEMBLY AND MAINTENANCE

Optional mounting type	Ceiling, horizontal Wall, vertical wall
Standard mounting	Pendulum mounting

LIGHT SOURCE

Luminaire type	LED
Number of light sources LED rows lamps	1
Colour temperature	4000 K
Colour rendering index	>80
Number of LEDs	64
Standard Deviation of Colour Matching (SDCM)	5
Control gear exchangeable	yes, by qualified person
Light source exchangeable	yes, by qualified person

LIGHTING ENGINEERING

Light distributor	Diffuser lens/optic/panel
Light distribution angle	55 °
Light distribution	asymmetric
Glare limitation UGR 4H 8H C0 C90	28 / 29

MATERIAL

Cover material	Pmp - Polymethyl methacrylate prismatic
Housing material	Aluminium
Housing colour	White RAL 9010

CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK07
Protection class (IP)	IP65
Use in animal husbandry	not suitable
Vandalism protection	false
Warranty	5 Years
Life expectancy B50 at 25° in hours (h)	
L90/B50 25°C	100000
L80/B50 25°C	100000
L70/B50 25°C	100000
Life expectancy B10 at 25° in hours (h)	
L90/B10 25°C	100000
L80/B10 25°C	100000
L70/B10 25°C	100000
Life expectancy B50 at 45° in hours (h)	
L90/B50 45°C	100000
L80/B50 45°C	100000
L70/B50 45°C	100000
max. lowest temperature	-40 °C
max. highest temperature	45 °C

TECHNICAL DATA

Dimming type	Dimming DALI Dimming DALI-2
Filament test	960 °C
Protection class	class I
Circuit Breaker B10A	3 Luminaires
Circuit Breaker B16A	5 Luminaires
Circuit Breaker C10A	4 Luminaires
Circuit Breaker C16A	7 Luminaires
Voltage spike protection U (L-PE)	10,0 kV
Voltage spike protection U (L-N)	6,0 kV
Through-wiring mm ²	without
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	No
Rated voltage	220–240V 0/50/60 Hz

PACKAGING

VPE 1	
Unit	Carton
Content quantity	1 Piece
Length	0,35 m
Width	0,35 m
Height	0,26 m
Weight	10,50 kg
VPE 2	
Unit	Pallet
Content quantity	30 Piece
Length	1,20 m
Width	0,80 m
Height	1,19 m
Weight	335,00 kg

FURTHER PRODUCT INFORMATION

REACH-Info	false
REACH-Listdate	2024-01-23
Market labelling	CE
Product labelling	RoHS, WEEE

Accessories (optional)

Article-No:	Designation
06011071	Wall and ceiling mounting bracket Quadronius, coated RAL 9010
06011081	Ceiling mounting bracket Quadronius two angle, coated RAL 9010
06012171	Wall and ceiling mounting bracket Quadronius POOL, coated RAL 9010, V4A
06012181	Ceiling mounting bracket Quadronius POOL two angle, coated RAL 9010, V4A

* 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.

