

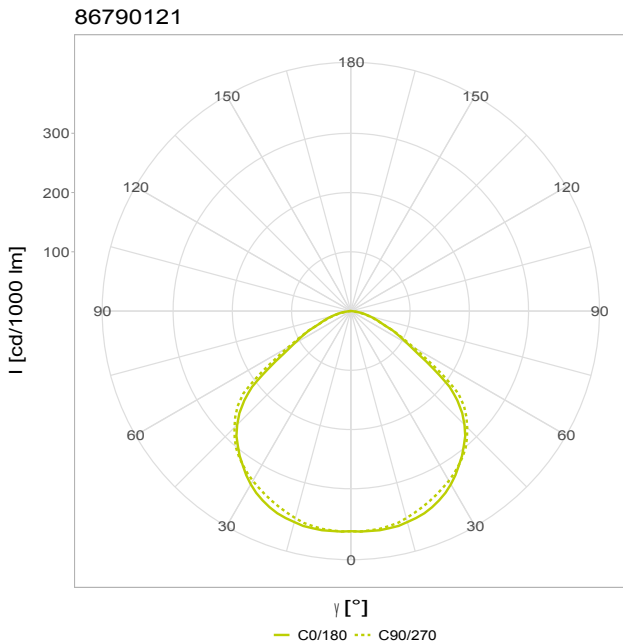
Article-No: 86790121  
High Bay



**QUADRONIUS HT DALI 46cm  
ESG 1x119W 110° 13600lm 840  
TWwithout class I**

LED High Bay with lamp cover made of single pane safety glass, optimized for usage in high ambient temperatures of up to 70°C, die-cast aluminium housing, white coating, converter integrated in housing, electrical connection through fast plug-in, short ageing-resistant silicone seals, two-point mounting with rope pendant (2000 mm) with easy to install, tool-less quick adjustment.

GTIN 4018098264743  
Statistical product number 94054239



**DIMENSIONS AND WEIGHTS**

Length	457 mm
Width	288 mm
Height	134 mm
Net weight	7,70 kg

**OUTPUT**

Luminous flux	13600 lm
Systempower	119 W
Efficacy	114 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)	3
Control gear exchangeable	yes, by qualified person
Light source exchangeable	yes, by qualified person

## LIGHTING ENGINEERING

Light distributor	Refractor lens
Light distribution angle	110 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	28 / 28

## CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	false
IK-Impact resistance	IK08
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 70° in hours (h)	
L80/B50 70°C	100000
L70/B50 70°C	100000
max. lowest temperature	-40 °C
max. highest temperature	70 °C

## MATERIAL

Cover material	single-pane safety glass
Housing material	Aluminium
Housing colour	White RAL 9010

## TECHNICAL DATA

Dimming type	Dimming DALI
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)	6,0 kV
Voltage spike protection U (L-N)	6,0 kV
Through-wiring mm <sup>2</sup>	without
D-marking	false
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	0,81 m
Width	0,35 m
Height	0,23 m
Weight	10,80 kg
VPE 2	
Unit	Pallet
Content quantity	30 Piece
Length	1,20 m
Width	0,80 m
Height	1,43 m
Weight	344,00 kg

## FURTHER PRODUCT INFORMATION

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

## Accessories (optional)

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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.

