

Article-No: 86140221x01

High Bay

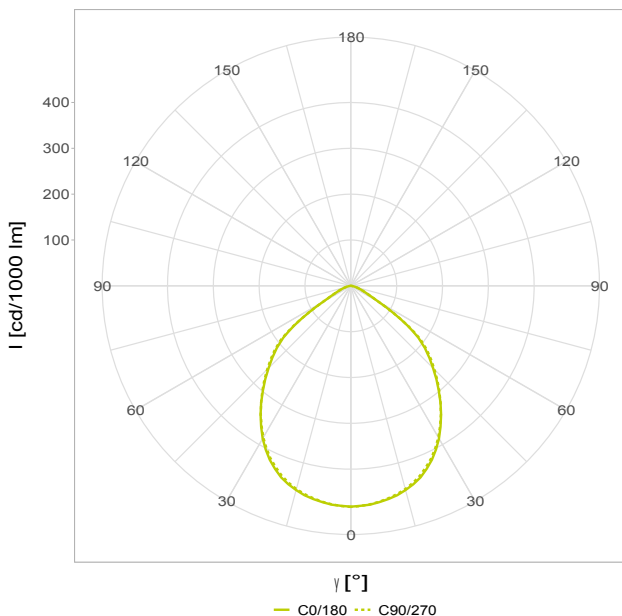


QUADRONIUS XLS C DM 29cm ESG 1x137W 090° 20000lm 840 TWwithout class I

LED High Bay with single pane safety glass lamp cover, housing made of die cast aluminium, white coating, converter mounted on the housing, electrical connection through fast plug-in, short, ageing-resistant silicone seals, two-point mounting with suspension (2000 mm), easy to assemble, tool-free, rapid adjustment, pendant mounting, mounting brackets for optional wall or ceiling mounting available for order. Now also available as XLS series extension. eXtended Lighting Solutions by PRACHT. Connected by Bluetooth Low Energy and manageable with Casambi. The DALI-Master luminaire contains its own module, allowing it to manage up to 15 further standard DALI luminaires.

GTIN 4018098329930
Statistical product number 94054239

86140221x01



DIMENSIONS AND WEIGHTS

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

OUTPUT

Luminous flux	20000 lm
Systempower	137 W
Efficacy	146 lm/W
Energy efficiency class of the light source	E

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	256
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	90 °
Light distribution	wide beam
Glare limitation UGR 4H 8H C0 C90	27 / 27

CAPACITY

outdoor area	Protected outdoor area*
Rebuildable	true
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)	
L80/B50 25°C	70000
L70/B50 25°C	100000
Life expectancy B10 at 25° in hours (h)	
L80/B10 25°C	70000
L70/B10 25°C	100000
Life expectancy B50 at 45° in hours (h)	
L70/B50 45°C	65000
max. lowest temperature	-20 °C
max. highest temperature	45 °C

MATERIAL

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

TECHNICAL DATA

Dimming type	Manufacturer-specific dimming
Filament test	960 °C
Protection class	class I
Circuit Breaker B10A	3 Luminaires
Circuit Breaker B16A	6 Luminaires
Circuit Breaker C10A	6 Luminaires
Circuit Breaker C16A	10 Luminaires
Voltage spike protection U (L-PE)	10,0 kV
Voltage spike protection U (L-N)	6,0 kV
Through-wiring mm²	without
D-marking	true
Voltage type acc. ETIM	AC/DC
IFS suitable	false
Emergency light suitability of the luminaire	No
Rated voltage	220–240V 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

WIRELESS LIGHTING CONTROL

radio standard	Casambi
radio distance maximum	20,00 m
controllable dali luminaires	24

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
9800002	XLS CC SWITCH- Extension of a traditional wall switch
9800003	XLS CC CONTROLLER wireless button user interface (battery powered 8 buttons)
9800004	XLS CCS ASYM - Daylight and movement detector (infrared)
9800005	XLS CCS HRO - Daylight and movement detector (infrared)
9800007	XLS CCS HF (High-Frequency)

* 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.

