

Article-No: 86140701

High Bay



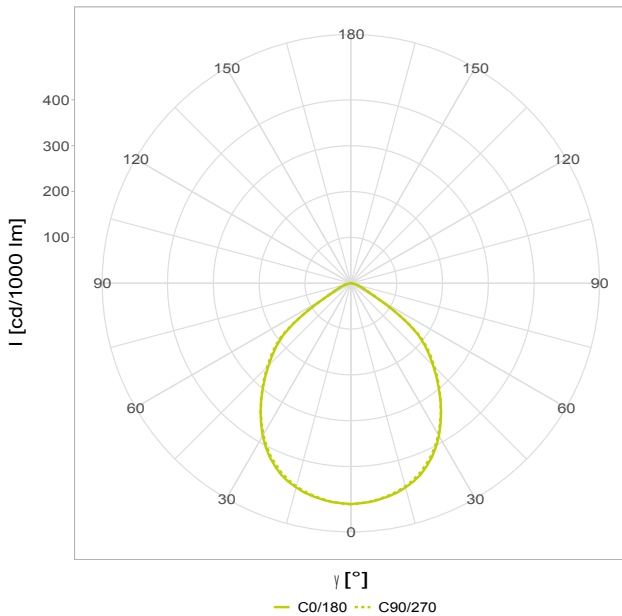
**QUADRONIUS 61cm ESG
2x137W 090° 40000lm 840
TWwithout class I**

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.

GTIN 4018098324676

Statistical product number 94054239

86140701



DIMENSIONS AND WEIGHTS

| | |
|------------|----------|
| Length | 605 mm |
| Width | 288 mm |
| Height | 122 mm |
| Net weight | 12,00 kg |

OUTPUT

| | |
|---|----------|
| Luminous flux | 40000 lm |
| Systempower | 274 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 | 2 |
| Colour temperature | 4000 K |
| Colour rendering index | >80 |
| Number of LEDs | 512 |
| 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 | false |
| IK-Impact resistance | IK08 |
| Protection class (IP) | IP66 |
| Use in animal husbandry | with limitation |
| 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 | -30 °C |
| max. highest temperature | 45 °C |

MATERIAL

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

TECHNICAL DATA

| | |
|--|-------------------|
| ENEC | true |
| Dimming type | No dim function |
| Filament test | 960 °C |
| Protection class | class I |
| Circuit Breaker B10A | 1 Luminaires |
| Circuit Breaker B16A | 3 Luminaires |
| Circuit Breaker C10A | 3 Luminaires |
| Circuit Breaker C16A | 5 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 |
| 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 | 0,81 m |
| Width | 0,35 m |
| Height | 0,23 m |
| Weight | 14,50 kg |
| VPE 2 | |
| Unit | Pallet |
| Content quantity | 15 Piece |
| Length | 1,20 m |
| Width | 0,80 m |
| Height | 1,30 m |
| Weight | 237,50 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.

