

Article-No: 86530201

High Bay

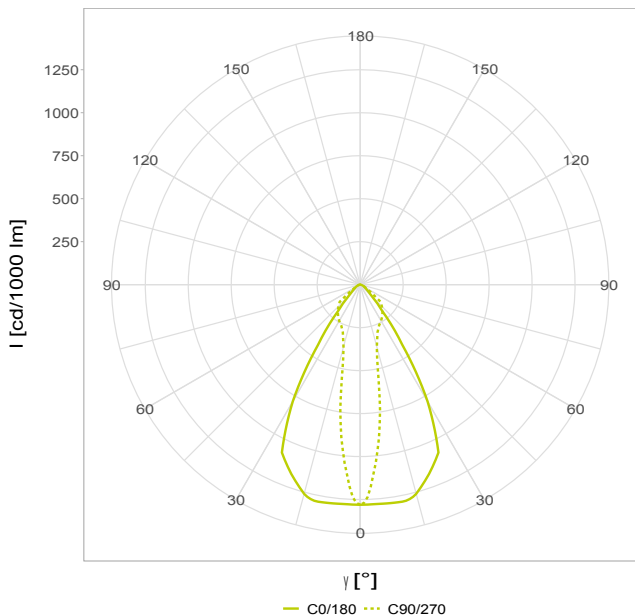


**QUADRONIUS FOOD 29cm PC  
1x137W A60° 20000lm 840  
TWwithout class I**

LED High Bay with polycarbonate cover (translucent, shatterproof), hygienic, low maintenance and dustproof because of a shatterproof PC-pane, housing made of die cast aluminium, white coating, converter integrated in the housing, electrical connection through fast plug-in, short, age-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 4018098324775  
Statistical product number 94054239

86530201



## DIMENSIONS AND WEIGHTS

|            |         |
|------------|---------|
| Length     | 288 mm  |
| Width      | 288 mm  |
| Height     | 170 mm  |
| Net weight | 6,00 kg |

## 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          | 60 °           |
| Light distribution                | asymmetric     |
| Glare limitation UGR 4H 8H C0 C90 | 25 / 26        |

## OUTPUT

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

## MATERIAL

|                  |                    |
|------------------|--------------------|
| Cover material   | PC - Polycarbonate |
| Housing material | Aluminium          |
| Housing colour   | White RAL 9010     |

## CAPACITY

|                                         |                         |
|-----------------------------------------|-------------------------|
| outdoor area                            | Protected outdoor area* |
| Rebuildable                             | false                   |
| IK-Impact resistance                    | IK10                    |
| Protection class (IP)                   | IP66                    |
| 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                 | -30 °C                  |
| max. highest temperature                | 45 °C                   |

## TECHNICAL DATA

|                                              |                   |
|----------------------------------------------|-------------------|
| Dimming type                                 | No dim function   |
| 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                         | 11 Luminaires     |
| Voltage spike protection U (L-PE)            | 10,0 kV           |
| Voltage spike protection U (L-N)             | 6,0 kV            |
| Through-wiring mm <sup>2</sup>               | without           |
| D-marking                                    | true              |
| Voltage type acc. ETIM                       | AC                |
| IFS suitable                                 | true              |
| 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           | 8,50 kg   |
| VPE 2            |           |
| Unit             | Pallet    |
| Content quantity | 30 Piece  |
| Length           | 1,20 m    |
| Width            | 0,80 m    |
| Height           | 1,19 m    |
| Weight           | 275,00 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.

