

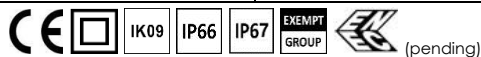


# QUBI

## QUBI ZERO

### MAIN CHARACTERISTICS

|                                 |   |
|---------------------------------|---|
| <b>Applications</b>             | Architectural lighting.   |
| <b>Optic</b>                    | SP-RS12: Real spot optic.<br>SP-S15: Spot optic.<br>SP-M30: Medium spot optic.<br>SP-W50: Wide spot optics<br>SP-WW75: Very wide spot optics<br>AS5-15-15: Optics for grazing lighting.<br>AS5-15-60: Optics for grazing lighting.<br>EL-15-40: Elliptic optic.<br>EL-15-60: Elliptic optic.<br>EL-15-135: Elliptic optic.<br>EL-30-130: Elliptic optic.<br>Colour temperature: 4000K, 3000K, 2700K, 2200K (others in option)   CRI ≥80 |
| <b>Insulation class</b>         | II  |
| <b>Protection degree</b>        | IP66/IP67   IK09  |
| <b>Dimensions</b>               | See the drawing   |
| <b>Weight</b>                   | max 2.5kg excluding mounting accessories  |
| <b>Exposed surface</b>          | Side: 0.020m <sup>2</sup> – Top: 0.023m <sup>2</sup>  |
| <b>Mounting</b>                 | AM-S: Universal surface mounting. Upper attack.<br>AM-P: Universal surface mounting. Rear attachment.<br>APL: Compact wall mount.<br>AP-S: Pole fixing Ø102-127. Upper attack.<br>AP-P: Pole fixing Ø102-127. Rear attachment.<br>AP-B: Arm fixing Ø60.<br>AP-TP: Fixing Post-Top Ø76-102-127.  |
| <b>Tilt Angle</b>               | AM-S: -5° / +150°<br>AM-P: -85° / +90°<br>APL: -5° / +5°<br>AC-S: -5° / +150°<br>AC-P: -85° / +90°<br>AP-B: 0°<br>AP-TP: 0°   |
| <b>LED Modules</b>              | Removable / Replaceable   |
| <b>Gear tray</b>                | Removable / Replaceable   |
| <b>Operating temp.</b>          | -20°C / +50°C   |
| <b>Storage temperature</b>      | -40°C / +80°C   |
| <b>Main reference standards</b> | EN 60598-1, EN 60598-2-5, EN 62471,<br>EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3   |



### ELECTRICAL CHARACTERISTICS

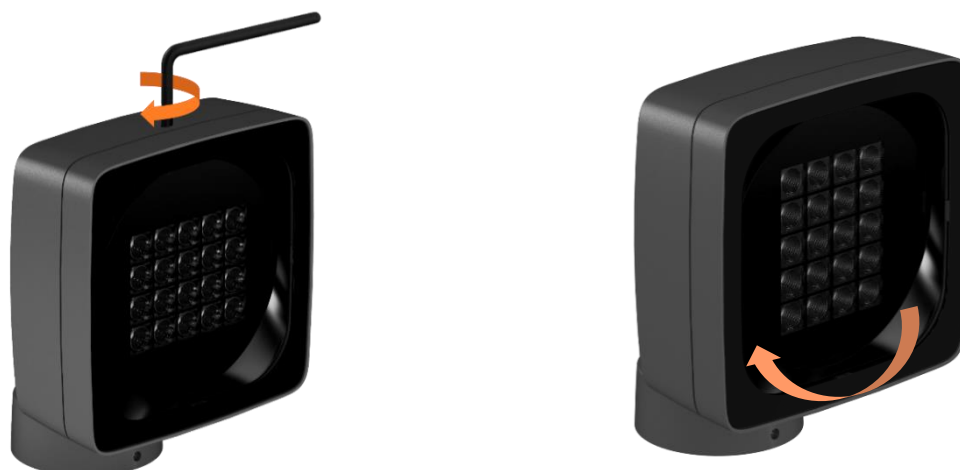
|  |   |
|--|---|
| <b>Rated voltage</b>                   | 220÷240V 50/60Hz (Standard tolerance ±10%. Other voltages and tolerances on request)  |
| <b>Power factor</b>                    | >0.9 (at full load)<br>>0.8 (at full load) for sizes with power ≤ 7.5W  |
| <b>Mains connection</b>                | Cable 2-3-4 poles H07RN-F nx1mm <sup>2</sup>   L=1m<br>Cable 5 poles 05RN-F nx1mm <sup>2</sup>   L=1m<br>Optional: connector M/F IP66/68 for cables max. 1.5mm <sup>2</sup> , Ø max. 13mm |
| <b>Control system (options)</b>        | ON-OFF: Fixed power not dimmable.<br>DALI: Digital dimming interface DALI.  |
| <b>Optical unit lifetime (Tq=25°C)</b> | >100.000hr L90B10<br>>100.000hr L90, TM-21  |

| MATERIALS          |  |
|--------------------|--|
| <b>Fixing</b>      | AM-S: Die-cast aluminium UNI EN1706. Powder-coated.<br>AM-P: Die-cast aluminium UNI EN1706. Powder-coated.<br>APL: Die-cast aluminium UNI EN1706. Powder-coated with steel bracket<br>AC-S: Die-cast aluminium UNI EN1706. Powder-coated.<br>AC-P: Die-cast aluminium UNI EN1706. Powder-coated.<br>AP-B: Steel S235JR. Powder coated.<br>AP-TP: Die-cast aluminium UNI EN1706. Powder-coated. |
| <b>Body</b>        | Die-cast aluminium UNI EN1706. Powder-coated.  |
| <b>Optic</b>       | PMMA   |
| <b>Screen</b>      | Flat tempered glass, 5mm thick, high transparency.   |
| <b>Cable gland</b> | Metallic - IP68  |
| <b>Gasket</b>      | Moulded silicone   |
| <b>Body colour</b> | Standard: Graphite - Code 01 or Bronze – Cod:P3<br>Optional: see "Optional Colours" below. (other colours on request)  |

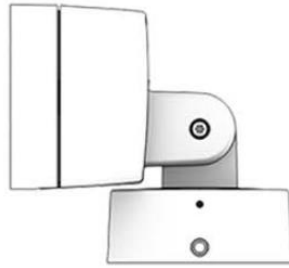
| OPTICAL ACCESSORIES (OPTIONAL)  |  |  |
|---|--|--|
| FV: Full Visor screen.  | HV: Half Visor screen.   | HYB: Internal Honeycomb screen.  |
|                             |  |  |
| <i>Consult the list of versions to check the availability of accessories depending on the selected optics</i> |  |  |

| MOUNTING ACCESSORIES (OPTIONAL)  |
|--|
| <p>Metal stake<br/>Fundraiser Kit<br/>Band for fixing on shafts</p> <p><b>Note:</b> See the accessories tab for more information</p> |

**ADJUSTMENT OF ELLIPTICAL OPTICAL ORIENTATION**



**DIMENSIONAL DRAWING**



**Standard Colour**

|          |         |
|----------|---------|
| GRAPHITE | BRONZE  |
| COD. 01  | COD. P3 |

**Optional Colours**

|                 |                |              |                |                   |               |               |                  |                 |                 |        |        |
|-----------------|----------------|--------------|----------------|-------------------|---------------|---------------|------------------|-----------------|-----------------|--------|--------|
| METALLIC SILVER | WHITE RAL 9010 | CORTEN SIENA | DAVOS RAL 7022 | HAMPINGS RAL 7034 | OMAN RAL 1001 | JURA RAL 7032 | TOSCANA RAL 6011 | OTTAWA RAL 6020 | ISLAND RAL 7003 | DOUBLE | CUSTOM |
| COD. 03         | COD. Q2        | COD. 1E      | COD. L2        | COD. K2           | COD. P2       | COD. M2       | COD. N2          | COD. J2         | COD. O2         |        |        |

**QUBI ZERO 3000K**

| LUMINAIRE                                | OPTIC     | RATED LUMINAIRE<br>FLUX*(3000K, lm) | RATED LUMINAIRE<br>POWER*(W) | LUMINAIRE<br>EFFICACY (lm/W) | Ta MAX (°C) |
|--|-----------|-------------------------------------|------------------------------|------------------------------|-------------|
| QUBI ZERO 0AL4 AS5-15-15 8030.350-1M     |           | 450                                 | 5.9                          | 76.2                         | 50          |
| QUBI ZERO 0AL4 AS5-15-15 8030.450-1M     |           | 570                                 | 7.3                          | 78.0                         | 50          |
| QUBI ZERO 0AL4 AS5-15-15 8030.700-1M     |           | 860                                 | 10.8                         | 79.6                         | 35          |
| QUBI ZERO 0AL4 AS5-15-15 8030.350-1M HYB | AS5-15-15 | 320                                 | 5.9                          | 54.2                         | 50          |
| QUBI ZERO 0AL4 AS5-15-15 8030.450-1M HYB |           | 400                                 | 7.3                          | 54.7                         | 50          |
| QUBI ZERO 0AL4 AS5-15-15 8030.700-1M HYB |           | 600                                 | 10.8                         | 55.5                         | 35          |
| QUBI ZERO 0AL4 AS5-15-60 8030.350-1M     |           | 380                                 | 5.9                          | 64.4                         | 50          |
| QUBI ZERO 0AL4 AS5-15-60 8030.450-1M     |           | 480                                 | 7.3                          | 65.7                         | 50          |
| QUBI ZERO 0AL4 AS5-15-60 8030.700-1M     |           | 730                                 | 10.8                         | 67.5                         | 35          |
| QUBI ZERO 0AL4 AS5-15-60 8030.350-1M HYB | AS5-15-60 | 220                                 | 5.9                          | 37.2                         | 50          |
| QUBI ZERO 0AL4 AS5-15-60 8030.450-1M HYB |           | 280                                 | 7.3                          | 38.3                         | 50          |
| QUBI ZERO 0AL4 AS5-15-60 8030.700-1M HYB |           | 420                                 | 10.8                         | 38.8                         | 35          |
| QUBI ZERO 0AL4 EL-15-40 8030.350-1M      |           | 430                                 | 5.9                          | 72.8                         | 50          |
| QUBI ZERO 0AL4 EL-15-40 8030.450-1M      | EL-15-40  | 540                                 | 7.3                          | 73.9                         | 50          |
| QUBI ZERO 0AL4 EL-15-40 8030.700-1M      |           | 810                                 | 10.8                         | 75.0                         | 35          |
| QUBI ZERO 0AL4 EL-15-60 8030.350-1M      |           | 430                                 | 5.9                          | 72.8                         | 50          |
| QUBI ZERO 0AL4 EL-15-60 8030.450-1M      | EL-15-60  | 540                                 | 7.3                          | 73.9                         | 50          |
| QUBI ZERO 0AL4 EL-15-60 8030.700-1M      |           | 810                                 | 10.8                         | 75.0                         | 35          |
| QUBI ZERO 0AL4 EL-15-135 8030.350-1M     |           | 340                                 | 5.9                          | 57.6                         | 50          |
| QUBI ZERO 0AL4 EL-15-135 8030.450-1M     | EL-15-135 | 420                                 | 7.3                          | 57.5                         | 50          |
| QUBI ZERO 0AL4 EL-15-135 8030.700-1M     |           | 640                                 | 10.8                         | 59.2                         | 35          |
| QUBI ZERO 0AL4 EL-30-130 8030.350-1M     |           | 300                                 | 5.9                          | 50.8                         | 50          |
| QUBI ZERO 0AL4 EL-30-130 8030.450-1M     | EL-30-130 | 380                                 | 7.3                          | 52.0                         | 50          |
| QUBI ZERO 0AL4 EL-30-130 8030.700-1M     |           | 580                                 | 10.8                         | 53.7                         | 35          |
| QUBI ZERO 0AL4 SP-RS12 8030.350-1M       |           | 440                                 | 5.9                          | 74.5                         | 50          |
| QUBI ZERO 0AL4 SP-RS12 8030.450-1M       |           | 560                                 | 7.3                          | 76.7                         | 50          |
| QUBI ZERO 0AL4 SP-RS12 8030.700-1M       | SP-RS12   | 850                                 | 10.8                         | 78.7                         | 35          |
| QUBI ZERO 0AL4 SP-RS12 8030.350-1M HYB   |           | 320                                 | 5.9                          | 54.2                         | 50          |
| QUBI ZERO 0AL4 SP-RS12 8030.450-1M HYB   |           | 410                                 | 7.3                          | 56.1                         | 50          |
| QUBI ZERO 0AL4 SP-RS12 8030.700-1M HYB   |           | 620                                 | 10.8                         | 57.4                         | 35          |
| QUBI ZERO 0AL4 SP-S15 8030.350-1M        |           | 430                                 | 5.9                          | 72.8                         | 50          |
| QUBI ZERO 0AL4 SP-S15 8030.450-1M        |           | 540                                 | 7.3                          | 73.9                         | 50          |
| QUBI ZERO 0AL4 SP-S15 8030.700-1M        | SP-S15    | 810                                 | 10.8                         | 75.0                         | 35          |
| QUBI ZERO 0AL4 SP-S15 8030.350-1M HYB    |           | 310                                 | 5.9                          | 52.5                         | 50          |
| QUBI ZERO 0AL4 SP-S15 8030.450-1M HYB    |           | 380                                 | 7.3                          | 52.0                         | 50          |
| QUBI ZERO 0AL4 SP-S15 8030.700-1M HYB    |           | 580                                 | 10.8                         | 53.7                         | 35          |
| QUBI ZERO 0AL4 SP-M30 8030.350-1M        |           | 400                                 | 5.9                          | 67.7                         | 50          |
| QUBI ZERO 0AL4 SP-M30 8030.450-1M        |           | 500                                 | 7.3                          | 68.4                         | 50          |
| QUBI ZERO 0AL4 SP-M30 8030.700-1M        | SP-M30    | 760                                 | 10.8                         | 70.3                         | 35          |
| QUBI ZERO 0AL4 SP-M30 8030.350-1M HYB    |           | 240                                 | 5.9                          | 40.6                         | 50          |
| QUBI ZERO 0AL4 SP-M30 8030.450-1M HYB    |           | 310                                 | 7.3                          | 42.4                         | 50          |
| QUBI ZERO 0AL4 SP-M30 8030.700-1M HYB    |           | 460                                 | 10.8                         | 42.5                         | 35          |
| QUBI ZERO 0AL4 SP-W50 8030.350-1M        |           | 350                                 | 5.9                          | 59.3                         | 50          |
| QUBI ZERO 0AL4 SP-W50 8030.450-1M        |           | 450                                 | 7.3                          | 61.6                         | 50          |
| QUBI ZERO 0AL4 SP-W50 8030.700-1M        | SP-W50    | 670                                 | 10.8                         | 62.0                         | 35          |
| QUBI ZERO 0AL4 SP-W50 8030.350-1M HYB    |           | 170                                 | 5.9                          | 28.8                         | 50          |
| QUBI ZERO 0AL4 SP-W50 8030.450-1M HYB    |           | 220                                 | 7.3                          | 30.1                         | 50          |
| QUBI ZERO 0AL4 SP-W50 8030.700-1M HYB    |           | 320                                 | 10.8                         | 29.6                         | 35          |
| QUBI ZERO 0AL4 SP-WW75 8030.350-1M       |           | 340                                 | 5.9                          | 57.6                         | 50          |
| QUBI ZERO 0AL4 SP-WW75 8030.450-1M       | SP-WW75   | 420                                 | 7.3                          | 57.5                         | 50          |
| QUBI ZERO 0AL4 SP-WW75 8030.700-1M       |           | 640                                 | 10.8                         | 59.2                         | 35          |

\*RATED LUMINAIRE FLUX / RATED LUMINAIRE POWER: Rated data obtained in laboratory, Tq=25°C, Vin=230Vac.  
 Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±10%. Power tolerance: ±10%.  
 The characteristics of the product listed above are subjected to change without notice.