





1.0

QUANTUM FLOOD 1.0 3W WH9003 40° 2700K 220V

Cod: QUA07CCL0W0Z00





Protection class II

Double insulated appliance

electrical



ID 65

Protected against water jets



K 06

Protected against impact of 1J

date: 29/07/2025



High temperatures

Design to withstand temperatures up to +50° C



C5 - Very high

corrosion resistance level ISO 9223



Mizar warranty 5 years warranty













## Technical description

Floodlight suitable for outdoor environments (IP65), with operating temperature range: -20°C / +50°C. To reduce weight and ensure corrosion resistance, the body is made of aluminum. The aluminumbody is protected by polyester epoxy paint to ensure corrosion resistance of 1500 hours in salt spray. The light source is a single Power LED chip, for maximum power of 3W. The product has an integrated 220 Vac power supply. The luminaire is ideal for marking pedestrian paths or illuminating facades and architectural details thanks to the optics with TIR lens. The LED source is recessed for greater visual comfort. Color rendering index CRI > 90. There are optionals for anti-glare (honeycomb) and accessory for installation in the ground (stake).



Lighting data

| Source type                 | single chip power LED |
|-----------------------------|-----------------------|
| CCT                         | 2700K                 |
| CRI                         | > 90                  |
| MacAdam (SDCM)              | 3                     |
| Source lumen output (lm)    | 236                   |
| Luminaire lumen output (lm) | 130                   |
| Light emission              | Wide                  |
| Beam angle                  | 40°                   |

| Photobiological risk | RG0                           |
|----------------------|-------------------------------|
| ULR                  | 0.00%                         |
| BUG Rating           | B0 U0 G0                      |
| CIE Flux Code        | 96 99 100 100 100             |
| LED lifetime         | L80 B10 50.000h               |
| Efficiency class     | This product contains a light |
|                      | source of energy efficiency   |
|                      | class (EU2019/2015): F        |

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Mechanical data

| Width (mm)        | 54                            |
|-------------------|-------------------------------|
| Length (mm)       | 119                           |
| Height (mm)       | 123                           |
| Weight (g)        | 550                           |
| IP Rating         | IP66                          |
| IK rating         | IK06                          |
| Type of finishing | Protective primer followed by |
|                   | epoxy and polyester paint     |
| Finishing colour  | White RAL9003                 |

| Dady material               | Die-cast aluminum EN      |
|-----------------------------|---------------------------|
| Body material               | Die-Cast aluminum EN      |
|                             | AB46100                   |
| Diffuser material           | Extraclear tempered glass |
| Diffuser thickness (mm)     | 5                         |
| Class ISO 9223              | C5                        |
| Optic type                  | Technopolymer TIR Lens    |
| Optical optional            | None                      |
| Maximal working             | +50° C                    |
| temperature                 |                           |
| Minimal working temperature | -20° C                    |

Electrical data

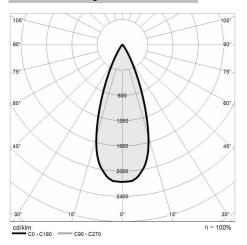
| Nominal power (W)         | 3                |
|---------------------------|------------------|
| Power supply (input power | 220V AC 50/60 Hz |
| type)                     |                  |
| Ballast                   | Integrated       |
| Insulation class          | II               |
| Dimmable                  | No               |

| Connector type     | Class II terminal block |
|--------------------|-------------------------|
| Power cable length | Not pre-wired           |



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## Photometry



## Technical drawing

