



# QUANTUM FLOOD 2.0

QUANTUM FLOOD 2.0 7W WH9003 20°  
2700K 220V

Cod: **QUA08CCM0W0Z00**



Protection class II

Double insulated electrical appliance



IP 65

Protected against water jets



IK 06

Protected against impact of 1 J



High temperatures

Design to withstand temperatures up to +50° C



C5 - Very high

corrosion resistance level ISO 9223



DALI

Luminaire with dimmable power-supply integrated



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 aluminum body 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 7W. 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)    | 445                   |
| Luminaire lumen output (lm) | 333                   |
| Light emission              | Medium                |
| Beam angle                  | 20°                   |

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Photobiological risk | RG0                                                                              |
| ULR                  | 0.00%                                                                            |
| BUG Rating           | B0 U0 G0                                                                         |
| CIE Flux Code        | 81 92 98 100 100                                                                 |
| LED lifetime         | L80 B10 50.000h                                                                  |
| Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): G |

## Mechanical data

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Width (mm)        | 78                                                      |
| Length (mm)       | 178                                                     |
| Height (mm)       | 175                                                     |
| Weight (g)        | 650                                                     |
| IP Rating         | IP66                                                    |
| IK rating         | IK06                                                    |
| Type of finishing | Protective primer followed by epoxy and polyester paint |
| Finishing colour  | White RAL9003                                           |

|                             |                              |
|-----------------------------|------------------------------|
| Body material               | Die-cast aluminum EN AB46100 |
| Diffuser material           | Extraclear tempered glass    |
| Diffuser thickness (mm)     | 6                            |
| Class ISO 9223              | C5                           |
| Optic type                  | Technopolymer TIR Lens       |
| Optical optional            | None                         |
| Maximal working temperature | +50° C                       |
| Minimal working temperature | -20° C                       |

## Electrical data

|                                 |                  |
|---------------------------------|------------------|
| Nominal power (W)               | 7                |
| Power supply (input power type) | 220V AC 50/60 Hz |
| Ballast                         | Integrated       |
| Insulation class                | II               |
| Dimmable                        | Yes (DALI)       |

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

## Photometry



## Technical drawing

