



# QUANTUM 2.1

QUANTUM 2.1 7W WH9003 5° 3000K  
220V HC

Cod: **QUA02DCS1W0Z00**



Protection class II  
Double insulated electrical appliance



IP 65  
Protected against water jets



IK 08  
Protected against impact of 5 J



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

Single-emission fixture for wall mounting, suitable for outdoor environments (IP65), with wide operating temperature range: -20°C / +50°C. The body is made of die-cast aluminum protected by polyester epoxy paint to ensure corrosion resistance of 1500 hours in salt spray. The light source is a single 7W Power Led chip powered by 220Vac (integrated power supply). The luminous flux and distinctive design make it ideal for illuminating facades and architectural details. Color rendering index CRI > 90. Optional anti-glare (honeycomb) is provided.

## Lighting data

|                             |                       |                      |                                                                                  |
|-----------------------------|-----------------------|----------------------|----------------------------------------------------------------------------------|
| Source type                 | single chip power LED | Photobiological risk | RG0                                                                              |
| CCT                         | 3000K                 | ULR                  | 0.00%                                                                            |
| CRI                         | > 90                  | BUG Rating           | B1 U0 G0                                                                         |
| MacAdam (SDCM)              | 3                     | CIE Flux Code        | 90 96 99 100 100                                                                 |
| Source lumen output (lm)    | 445                   | LED lifetime         | L80 B10 50.000h                                                                  |
| Luminaire lumen output (lm) | 318                   | Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): G |
| Light emission              | Narrow                |                      |                                                                                  |
| Beam angle                  | 5°                    |                      |                                                                                  |

## Mechanical data

|                   |                                                         |                             |                           |
|-------------------|---------------------------------------------------------|-----------------------------|---------------------------|
| Width (mm)        | 78                                                      | External screws material    | Stainless steel 316L (A4) |
| Length (mm)       | 112                                                     | Diffuser material           | Extraclear tempered glass |
| Height (mm)       | 185                                                     | Diffuser thickness (mm)     | 6                         |
| Weight (g)        | 1200                                                    | Class ISO 9223              | C5                        |
| IP Rating         | IP65                                                    | Optic type                  | Technopolymer TIR Lens    |
| IK rating         | IK06                                                    | Optical optional            | Honeycomb                 |
| Type of finishing | Protective primer followed by epoxy and polyester paint | Maximal working temperature | +50° C                    |
| Finishing colour  | White RAL9003                                           | Minimal working temperature | -20° C                    |
| Body material     | Die-cast aluminum EN AB46100                            |                             |                           |

## Electrical data

|                                 |                  |                    |               |
|---------------------------------|------------------|--------------------|---------------|
| Nominal power (W)               | 7                | Dimmable           | No            |
| Power supply (input power type) | 220V AC 50/60 Hz | Power cable length | Not pre-wired |
| Ballast                         | Integrated       |                    |               |
| Insulation class                | II               |                    |               |

## Photometry



## Technical drawing

