



# QUANTUM 2.2

QUANTUM 2.2 14W WH9003 20° 3000K  
220V HC

Cod: **QUA03DCM1W0Z00**



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

Double-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 14W 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                  | 50.00%   |
| CRI                         | > 90                  | BUG Rating           | B0 U3 G0   |
| MacAdam (SDCM)              | 3                     | CIE Flux Code        | 81 92 98 50 100  |
| Source lumen output (lm)    | 890                   | LED lifetime         | L80 B10 50.000h  |
| Luminaire lumen output (lm) | 702                   | Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): G |
| Light emission              | Medium                |                      |  |
| Beam angle                  | 20°                   |                      |  |

## Mechanical data

|                   |   |                             |                           |
|-------------------|---|-----------------------------|---------------------------|
| Width (mm)        | 78  | External screws material    | Stainless steel 316L (A4) |
| Length (mm)       | 112   | Diffuser material           | Extraclear tempered glass |
| Height (mm)       | 235   | Diffuser thickness (mm)     | 6                         |
| Weight (g)        | 1660  | 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)               | 14               | 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

