



# QUANTUM 2.1

QUANTUM 2.1 7W WH9003 ELL 3000K  
220V

Cod: **QUA02DCE0W0Z00**



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 |
| CCT                         | 3000K                 |
| CRI                         | > 90                  |
| MacAdam (SDCM)              | 3                     |
| Source lumen output (lm)    | 445                   |
| Luminaire lumen output (lm) | 330                   |
| Light emission              | Elliptical            |
| Beam angle                  | 15°x60°               |

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Photobiological risk | RG0                                                                              |
| ULR                  | 0.00%                                                                            |
| BUG Rating           | B0 U0 G0                                                                         |
| CIE Flux Code        | 78 92 99 100 100                                                                 |
| 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)       | 112                                                     |
| Height (mm)       | 185                                                     |
| Weight (g)        | 1200                                                    |
| IP Rating         | IP65                                                    |
| 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                            |

|                             |                           |
|-----------------------------|---------------------------|
| External screws material    | Stainless steel 316L (A4) |
| 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           | No            |
| Power cable length | Not pre-wired |

## Photometry



## Technical drawing

