



# QUANTUM CEILING

## 1.0

QUANTUM CEILING 1.0 3W WH9003 25°  
2700K 220V

Cod: **QUA05CCM0W0Z00**



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



Mizar warranty  
5 years warranty



### Technical description

Luminaire for ceiling 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 3W Power Led chip powered by 220Vac (integrated power supply). The luminous flux and distinctive design make it ideal for illuminating terraces or walkways under porches. Color rendering index CRI > 90. Optional anti-glare (honeycomb) is provided.

## Lighting data

|                             |                       |
|-----------------------------|-----------------------|
| Source type                 | single chip power LED |
| CCT                         | 2700K                 |
| CRI                         | > 90                  |
| MacAdam (SDCM)              | 3                     |
| Source lumen output (lm)    | 236                   |
| Luminaire lumen output (lm) | 145                   |
| Light emission              | Medium                |
| Beam angle                  | 25°                   |

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Photobiological risk | RG0                                                                              |
| ULR                  | 0.00%                                                                            |
| BUG Rating           | B0 U1 G0                                                                         |
| CIE Flux Code        | 96 98 99 100 100                                                                 |
| LED lifetime         | L80 B10 50.000h                                                                  |
| Efficiency class     | This product contains a light source of energy efficiency class (EU2019/2015): F |

## Mechanical data

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Diameter (mm)     | 54                                                      |
| Height (mm)       | 116                                                     |
| Weight (g)        | 325                                                     |
| 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                            |

|                             |                           |
|-----------------------------|---------------------------|
| Diffuser material           | Extraclear tempered glass |
| Diffuser thickness (mm)     | 5                         |
| 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)               | 3                |
| Power supply (input power type) | 220V AC 50/60 Hz |
| Ballast                         | Integrated       |
| Insulation class                | II               |
| Dimmable                        | No               |

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

## Photometry



## Technical drawing

