



# QUANTUM 2.2

QUANTUM 2.2 14W PRIMER 5° 2700K  
220V HC

Cod: **QUA03CCS1PRZ00**



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



Customizable finishing  
The luminaire could be painted by final client



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                         | 2700K                 | ULR                  | 50.00%                                                                           |
| CRI                         | > 90                  | BUG Rating           | B1 U3 G0                                                                         |
| MacAdam (SDCM)              | 3                     | CIE Flux Code        | 90 96 99 50 100                                                                  |
| Source lumen output (lm)    | 890                   | LED lifetime         | L80 B10 50.000h                                                                  |
| Luminaire lumen output (lm) | 601                   | 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)       | 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 | Paintable protective primer  | Maximal working temperature | +50° C                    |
| Finishing colour  | Paintable primer             | 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

