



# QUANTUM 2.1

QUANTUM 2.1 7W CORTEN 60° 2700K  
220V DALI

Cod: **QUA02CCL0CTZ01**



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



DALI  
Luminaire with dimmable power-supply integrated



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 3W 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                         | 2700K                 |
| CRI                         | > 90                  |
| MacAdam (SDCM)              | 3                     |
| Source lumen output (lm)    | 445                   |
| Luminaire lumen output (lm) | 316                   |
| Light emission              | Wide                  |
| Beam angle                  | 60°                   |

|                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Photobiological risk | RG0                                                                              |
| ULR                  | 0.00%                                                                            |
| BUG Rating           | B0 U1 G0                                                                         |
| CIE Flux Code        | 73 91 98 100 100                                                                 |
| 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  | Corten                                                  |

|                             |                              |
|-----------------------------|------------------------------|
| Body material               | Die-cast aluminum EN AB46100 |
| 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                        | Yes (DALI)       |

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

## Photometry



## Technical drawing

