





# **QUANTUM 1.1**

# QUANTUM 1.1 MONO CORTEN 10°3000K

Cod: QUA00DCS0CTZ00



Double insulated appliance

electrical



IP 65

Protected against water jets



#### K N8

Protected against impact of 5 J

date: 22/11/2024



#### 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:  $-20^{\circ}$ C /  $+50^{\circ}$ 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                         | 3000K                 |
| CRI                         | > 90                  |
| MacAdam (SDCM)              | 3                     |
| Source lumen output (lm)    | 236                   |
| Luminaire lumen output (lm) | 144                   |
| Light emission              | Narrow                |
| Beam angle                  | 10°                   |

| Photobiological risk | RG0                           |
|----------------------|-------------------------------|
| ULR                  | 0.00%                         |
| BUG Rating           | B0 U1 G0                      |
| CIE Flux Code        | 0 0 0 0 100                   |
| LED lifetime         | L80 B10 50.000h               |
| Efficiency class     | This product contains a light |
|                      | source of energy efficiency   |
|                      | class (EU2019/2015): F        |

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## Mechanical data

| Width (mm)        | 55                            |
|-------------------|-------------------------------|
| Length (mm)       | 77                            |
| Height (mm)       | 127                           |
| Weight (g)        | 500                           |
| 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                       |
|                   |                               |

| External screws material    | Stainless steel 316L (A4) |
|-----------------------------|---------------------------|
| Diffuser material           | Extraclear tempered glass |
| Diffuser thickness (mm)     | 5                         |
| Class ISO 9223              | C5                        |
| Optic type                  | Technopolymer TIR Lens    |
| Optical optional            | None                      |
| Maximal working             | +45° C                    |
| temperature                 |                           |
| Minimal working temperature | -20° C                    |

### Electrical data

| Nominal power (W)         | 3                |
|---------------------------|------------------|
| Power supply (input power | 220V AC 50/60 Hz |
| type)                     |                  |
| Ballast                   | Integrated       |
| Insulation class          |                  |

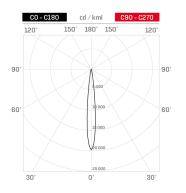
| Dimmable           | No            |
|--------------------|---------------|
| Power cable length | Not pre-wired |



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## Photometry

## 10°



# Technical drawing

