



QUANTUM 2.1

QUANTUM 2.1 7W BK9005 20° 3000K
220V DALI HC

Cod: **QUA02DCM1B0Z01**



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 | 3000K |
| CRI | > 90 |
| MacAdam (SDCM) | 3 |
| Source lumen output (lm) | 445 |
| Luminaire lumen output (lm) | 351 |
| Light emission | Medium |
| Beam angle | 20° |

| | |
|----------------------|--|
| Photobiological risk | RG0 |
| ULR | 0.00% |
| BUG Rating | B0 U0 G0 |
| CIE Flux Code | 81 92 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 | Black RAL9005 |

| | |
|-----------------------------|------------------------------|
| 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 | Honeycomb |
| 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

