



QUANTUM 1.1

QUANTUM 1.1 3W BK9005 40° 4000K 220V

Cod: QUA00FCL0B0Z00



Protection class II

Double insulated

Double insulated electrical appliance



IP 65

Protected against water jets



K 08

Protected against impact of 5 J

date: 13/09/2025



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°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.



date: 13/09/2025

Lighting data

| Source type | single chip power LED |
|-----------------------------|-----------------------|
| CCT | 4000K |
| CRI | > 90 |
| MacAdam (SDCM) | 3 |
| Source lumen output (lm) | 236 |
| Luminaire lumen output (lm) | 144 |
| Light emission | Wide |
| Beam angle | 40° |

| Photobiological risk | RG0 |
|----------------------|-------------------------------|
| ULR | 0.00% |
| BUG Rating | B0 U0 G0 |
| CIE Flux Code | 96 99 100 100 100 |
| LED lifetime | L80 B10 50.000h |
| Efficiency class | This product contains a light |
| | source of energy efficiency |
| | class (EU2019/2015): F |

Mechanical data

| 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 | Black RAL9005 |
| 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 | +50° C |
| temperature | |
| Minimal working temperature | -20° C |

Electrical data

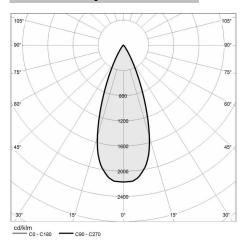
| Nominal power (W) | 3 |
|---------------------------|------------------|
| Power supply (input power | 220V AC 50/60 Hz |
| type) | |
| Ballast | Integrated |
| Insulation class | |

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



date: 13/09/2025

Photometry



Technical drawing

