



QUANTUM FLOOD 1.0

QUANTUM FLOOD 1.0 3W AN7016 40° 4000K 220V

Cod: QUA07FCL0G0Z00



Technical description

Floodlight suitable for outdoor environments (IP65), with operating temperature range: -20°C / +50°C. To reduce weight and ensure corrosion resistance, the body is made of aluminum. The aluminumbody is protected by polyester epoxy paint to ensure corrosion resistance of 1500 hours in salt spray. The light source is a single Power LED chip, for maximum power of 3W. The product has an integrated 220 Vac power supply. The luminaire is ideal for marking pedestrian paths or illuminating facades and architectural details thanks to the optics with TIR lens. The LED source is recessed for greater visual comfort. Color rendering index CRI > 90. There are optionals for anti-glare (honeycomb) and accessory for installation in the ground (stake).



Lighting data

| Source type | single chip power LED | Photobiological risk | RGO |
|-----------------------------|-----------------------|----------------------|-------------------------------|
| CCT | 4000K | ULR | 0.00% |
| CRI | > 90 | BUG Rating | B0 U0 G0 |
| MacAdam (SDCM) | 3 | CIE Flux Code | 96 99 100 100 100 |
| Source lumen output (lm) | 236 | LED lifetime | L80 B10 50.000h |
| Luminaire lumen output (lm) | 144 | Efficiency class | This product contains a light |
| Light emission | Wide | | source of energy efficiency |
| Beam angle | 40° | | class (EU2019/2015): F |

Mechanical data

| Width (mm) | 54 | Body material | Die-cast aluminum EN |
|-------------------|-------------------------------|---|---------------------------|
| Length (mm) | 119 | | AB46100 |
| Height (mm) | 123 | Diffuser material | Extraclear tempered glass |
| Weight (g) | 550 | Diffuser thickness (mm) | 5 |
| IP Rating | IP66 | Class ISO 9223 | C5 |
| IK rating | IK06 | Optic type | Technopolymer TIR Lens |
| Type of finishing | Protective primer followed by | Optical optional | None |
| | epoxy and polyester paint | Maximal working | +50° C |
| Finishing colour | Anthracite RAL7016 | temperature | |
| | | A distance for each discussion in a sector of | 200 0 |

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 | II |
| Dimmable | No |

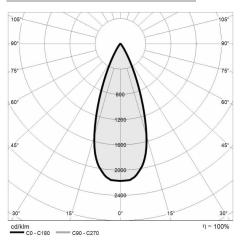
| Connector type |
|--------------------|
| Power cable length |

Class II terminal block Not pre-wired

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Photometry



Technical drawing

