# QUANTUM FLOOD 1.0

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

Model: **QUAFTL104**

Cod: **QUA07FCL1G0Z00**

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

Mizar warranty
5 years warranty

## 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).

MIZAR is a brand of REER SPA
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## 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) | 54 |
| Length (mm) | 119 |
| Height (mm) | 123 |
| Weight (Kg) | 0.55 |
| IP Rating | IP66 |
| IK rating | IK06 |
| Type of finishing | Protective primer followed by epoxy and polyester paint |
| Finishing colour | Anthracite RAL7016 |

| | |
|---|---|
| Body material | Die-cast aluminum EN AB46100 |
| Diffuser material | Extraclear tempered glass |
| Diffuser thickness (mm) | 5 |
| 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) | 3 |
| Power supply (input power type) | 220V AC 50/60 Hz |
| Ballast | Integrated |
| Insulation class | II |
| Dimmable | No |

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

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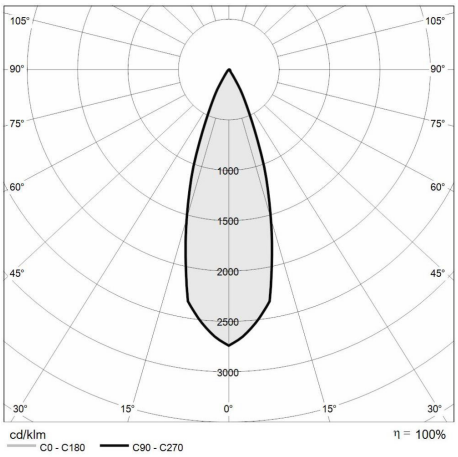
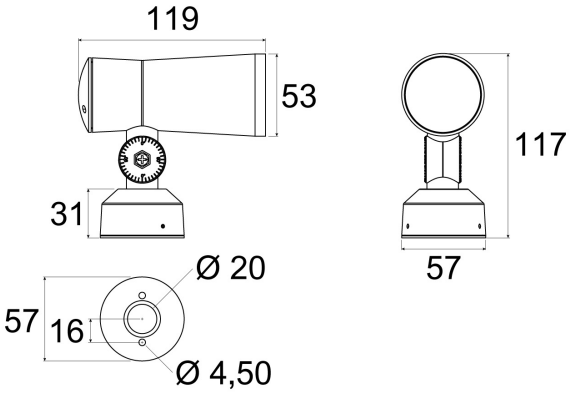
## Photometry




## Technical drawing

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