

QUANTUM FLOOD

1.0

QUANTUM FLOOD 1.0 3W GR6009 40°
3000K 220V

Cod: **QUA07DCL0E0Z00**



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 aluminum body 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
CCT	3000K
CRI	> 90
MacAdam (SDCM)	3
Source lumen output (lm)	236
Luminaire lumen output (lm)	137
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 (g)	550
IP Rating	IP66
IK rating	IK06
Type of finishing	Protective primer followed by epoxy and polyester paint
Finishing colour	Green RAL6009

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	None
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

Photometry



Technical drawing

