QUANTUM FLOOD 1.0

QUANTUM FLOOD 1.0 3W WH9003 40° 2700K 220V

Cod: **QUA07CCL0W0Z00**

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

UKCA · RoHS Compliant

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	RG0
CCT	2700K	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)	130	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F
Light emission	Wide		
Beam angle	40°		

Mechanical data

Width (mm)	54	Body material	Die-cast aluminum EN AB46100
Length (mm)	119		
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 epoxy and polyester paint	Optical optional	None
		Maximal working temperature	+50° C
Finishing colour	White RAL9003		
		Minimal working temperature	-20° C

Electrical data

Nominal power (W)	3	Connector type	Class II terminal block
Power supply (input power type)	220V AC 50/60 Hz	Power cable length	Not pre-wired
Ballast	Integrated		
Insulation class	II		
Dimmable	No		

Photometry

cd/klm

— C0 - C180   — C90 - C270

η = 100%

Technical drawing

119

53

31

Ø 20

57 16

Ø 4,50

117

57