



QUANTUM FLOOD 2.0

QUANTUM FLOOD 2.0 7W WH9003 20°
3000K 220V HC

Cod: **QUA08DCM1W0Z00**



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



DALI

Luminaire with dimmable power-supply integrated



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 7W. 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)	445
Luminaire lumen output (lm)	351
Light emission	Medium
Beam angle	20°

Photobiological risk	RG0
ULR	0.00%
BUG Rating	B0 U0 G0
CIE Flux Code	81 92 98 100 100
LED lifetime	L80 B10 50.000h
Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): G

Mechanical data

Width (mm)	78
Length (mm)	178
Height (mm)	175
Weight (g)	650
IP Rating	IP66
IK rating	IK06
Type of finishing	Protective primer followed by epoxy and polyester paint
Finishing colour	White RAL9003

Body material	Die-cast aluminum EN AB46100
Diffuser material	Extraclear tempered glass
Diffuser thickness (mm)	6
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)	7
Power supply (input power type)	220V AC 50/60 Hz
Ballast	Integrated
Insulation class	II
Dimmable	Yes (DALI)

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

Photometry



Technical drawing

