



# **IRIS 2.0**

## IRIS 2.0 650mm 2W GR6009 10° 3000K 24V HC 1,5M

Cod: RRS02DCS1E0C00

IdroSkud® protection system - polarity reversal protection - voltage spikes protection idroSkud - water infiltration protection



Protected against temporary immersion (30 minutes) up to 1 meter



C5 - Very high corrosion resistance level ISO 9223



**IK07** 

Protection class III Designed to be supplied from a separated extra-low voltage (SELV) power supply



Protected against powerful power jets, 100 liters per minute



Mizar warranty

5 vears warrantv

IK 07 Protected against impact of 2 J



High temperatures

Design to withstand temperatures up to +50° C





### Technical description

Floodlight on spike suitable for outdoor use (IP66/IP67), designed to be installed among plants directly in the ground, 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 consists of a single 2W power Led chip powered at 24V constant voltage with integrated driver. The high luminous flux makes it ideal for marking pedestrian and 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. Iris is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb). The product must be combined with a power supply to ensure its operation. The power supply must be ordered separately. The amount of luminaires that can be connected to a single power supply varies depending on the type of installation. It is up to the installer to verify the possible voltage drop by evaluating the distance between the product and the power supply.



### Lighting data

Source type	single chip power LED	Photobiological risk	RGO
CCT	3000K, 4000K	ULR	0.00%
CRI	> 90	BUG Rating	B0 U1 G0
MacAdam (SDCM)	2	CIE Flux Code	95 96 98 99 100
Source lumen output (lm)	157	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	91	Efficiency class	This product contains a light
Light emission	Narrow		source of energy efficiency
Beam angle	10°		class (EU2019/2015): F

### Mechanical data

Width (mm)	34	Body material	Anodized aluminum
Length (mm)	77		anticorodal 6082
Height (mm)	747	Diffuser material	Extraclear tempered glass
Weight (g)	203	Diffuser thickness (mm)	6
IP Rating	IP66/IP67	Class ISO 9223	C5
IK rating	IK07	Optic type	Technopolymer TIR Lens
Type of finishing	Protective primer followed by	Optical optional	Honeycomb
	epoxy and polyester paint	Maximal working	+50° C
Finishing colour	Green RAL6009	temperature	
Frame material	Anodized aluminum	Minimal working temperature	-20° C
	anticorodal 6082		

### Electrical data

Nominal power (W)	2
Power supply (input power	Costant voltage - 24V
type)	
Ballast	Remote
Insulation class	
Dimmable	Yes
Power cable type	FR5F0EM7 - AD8 2x0,5 mm <sup>2</sup>
Power cable length	1,5 m

Electrical connection	Parallel connection
Idroskud® protection	Yes
Inverse polarity protection	Yes
Voltage spikes protection	Yes

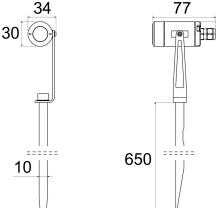


### DATA SHEET

747

# Photometry

Technical drawing



Accessories





NOT DIMMABLE POWER SUPPLY Power supply DC 24V 14,4W IP67 ON/OFF Cod: MID0019 NOT DIMMABLE POWER SUPPLY Power supply DC 24V 36W IP67 ON/OFF

Cod: MID0020



DIMMABLE POWER SUPPLY Power supply 220/240 50/60Hz 24V 24W IP67 DALI Cod: MID0021

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