

# ELIOS 1.0

# ELIOS 1.0 20W CORTEN 14° 2700K 48V HC 1,5M

Cod: ELSOOCCS1CTCOO



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



Protected against temporary immersion (30 minutes) up to 1



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IK 10 Protected against impact of 20 J

Designed to be supplied from a

extra-low

voltage



**IP66** 

IP 66

High temperatures

jets, 100 liters per minute

Design to withstand temperatures up to +50° C

Protected against powerful power



C5 - Very high corrosion resistance level ISO 9223



Mizar warranty 5 vears warrantv

Protection class III

(SELV) power supply

separated

#### C € ĽK ROHS -)(LED)- 🔀

# Technical description

Floodlight suitable for outdoor environments (IP66/IP67), 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 LED C.O.B powered by constant voltage 48V, for maximum power of 20W. The high luminous flux makes it ideal for marking pedestrian and driveway 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. Elios is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. There are optionals for anti-glare (honeycomb) and accessory for installation in the ground (stake). 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	COB LED	Photobiological risk	RGO
ССТ	2700K	ULR	0.00%
CRI	> 90	BUG Rating	B1 U0 G0
MacAdam (SDCM)	3	CIE Flux Code	98 99 100 100 100
Source lumen output (lm)	2372	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	1556	Efficiency class	This product contains a light
Light emission	Narrow		source of energy efficiency
Beam angle	14°		class (EU2019/2015): F

#### Mechanical data

Width (mm)	130	Body material	Anodized aluminum
Length (mm)	127		anticorodal 6082
Height (mm)	160	Diffuser material	Extraclear tempered glass
Weight (g)	2890	Diffuser thickness (mm)	12
IP Rating	IP66/IP67	Class ISO 9223	C5
IK rating	IK10	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	Corten	temperature	
Frame material	Anodized aluminum	Minimal working temperature	-20° C
	anticorodal 6082		

# Electrical data

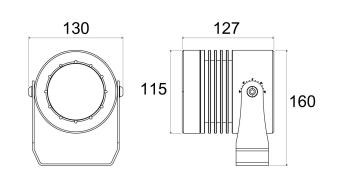
Nominal power (W)	20	
Power supply (input power	Costant voltage - 48V	
type)		
Ballast	Remote	
Insulation class		
Dimmable	Yes	
Power cable type	H05RN - F 2x0,75 mm <sup>2</sup>	
Power cable length	1,5 m	

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



# Photometry 105° 105 90 an 75' 75 60 45 30 cd/klm C0 - C180 C90 - C270 $\eta = 100\%$

### Technical drawing



Accessories



POWER SUPPLY DC 48V 100W 2,1A IP 67 DALI2/PWM Cod: MID0032

POWER SUPPLY DC 48V 160W 3,34A IP 67 DALI2/PWM Cod: MID0033

GROUND STAKE Stake for floodlight - big size

Cod: CEAZZZ017

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