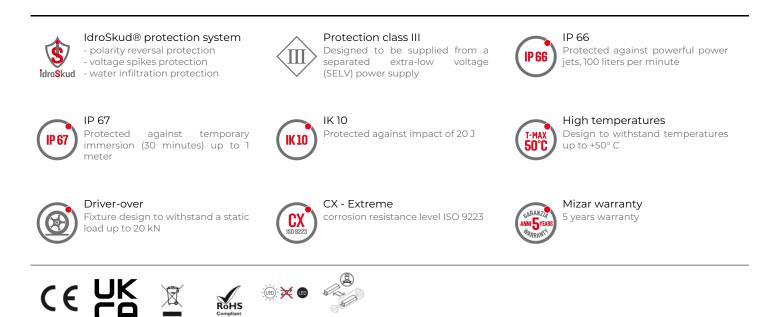






ACUS 2.0 ACUS 2.0 13W 60° 3000K 700mA HC

Cod: ACU02DCL200Z00



Technical description

Inground luminaire, drive-over, 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 and the round frame of steel. The light source is LED C.O.B powered by constant current, max 700mA, for maximum power of 13W. The high luminous flux makes it ideal for marking pedestrian and driveway paths or illuminating facades and architectural details thanks to the optics with titable TIR lens (±8°). The LED source is recessed for greater visual comfort. Color rendering index CRI > 90. Acus 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 installation accessories (drive-over outercase). 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
CCT	3000K	ULR	100.00%
CRI	> 90	BUG Rating	B0 U1 G0
MacAdam (SDCM)	3	CIE Flux Code	0 0 0 0 100
Source lumen output (lm)	1519	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	1095	Efficiency class	This product contains a light
Light emission	Wide		source of energy efficiency
Beam angle	60°		class (EU2019/2015): F

Mechanical data

Diameter (mm)	140	Diffuser thickness (mm)	12
Height (mm)	115	Class ISO 9223	СХ
Weight (g)	1650	Optic type	Technopolymer TIR Lens
IP Rating	IP66/IP67	Optical optional	Honeycomb
IK rating	IK10	Maximal working	+50° C
Shape	Round	temperature	
Finishing colour	Steel	Minimal working temperature	-20° C
Frame material	Shot peened stainless steel	Maximal static load (kN)	20
	316L	Walk-over	Yes
Body material	Anodized aluminum	Driver-over	Yes
	anticorodal 6082	Maximal surface temperature	+60° C
External screws material	Stainless steel 316L (A4)	Areas EN 60598-2-13	A1/A2/A3/A4
Diffuser material	Extraclear tempered glass		

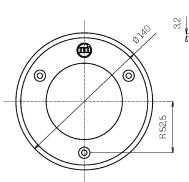
Electrical data

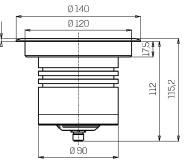
Nominal power (W)	13	Electrical connection	Series connection
Power supply (input power	Costant current - 700 mA	Idroskud® protection	Yes
type)		Inverse polarity protection	Yes
Ballast	Remote	Voltage spikes protection	Yes
Insulation class			
Dimmable	Yes		
Connector type	M12 - 5 poles IP67		
Power cable length	Not pre-wired		



Photometry

Technical drawing





Accessories



DRIVE-OVER OUTERCASE Outercase drive-over ACUS

Cod: ACUZZZ000



NOT DIMMABLE POWER SUPPLY Power supply DC 5-44V 700mA 30W max Cod: MID0022



NOT DIMMABLE POWER SUPPLY Power supply DC 25-85V 15/70W 350-700mA IP20 Cod: MID0024



DIMMABLE POWER SUPPLY

Power supply DC 10-54V 1.5/38W 150-1050mA IP20 DALI/NFC Cod: MID0025



NOT DIMMABLE POWER SUPPLY Power supply DC 10-50V 15/70W 700mA IP68 Cod: MID0026

DIMMABLE POWER SUPPLY Power supply DC 2-49V 1/30W 700mA IP68 DALI Cod: MID0027

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