

LINEO 1.0

LINEO 1.0 510mm 6W OPAL 2700K 24V

Cod: **LNE00CBK000A00**



IdroSkud® protection system

- polarity reversal protection
- voltage spikes protection
- water infiltration protection



Protection class III

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



IP 66

Protected against powerful power jets, 100 liters per minute



IP 67

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



IK 10

Protected against impact of 20 J



High temperatures

Design to withstand temperatures up to +50° C



Driver-over

Fixture design to withstand a static load up to 20 kN



CX - Extreme

corrosion resistance level ISO 9223



Mizar warranty

5 years warranty



Technical description

Linear in-ground luminaire, drive-over, suitable for outdoor environments (IP66/IP67), with operating temperature range: -20°C / +50°C. The body is made of PMMA, transparent and opal on the upper side; the endcaps are made of 316L stainless steel. The light source is LED SMD3014, powered at 24V with built-in driver. The luminous flux makes it ideal for marking pedestrian and driveway paths, or creating light cuts on floors, walls and ceilings. Color rendering index CRI > 80. Lineo is equipped with IdroSkud® system to protect electronic components from voltage spikes, polarity reversal and water infiltration. Installation accessories are provided (floor and plasterboard outercase; cable extensions up to 15 m). 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	SMD chip 3014	Photobiological risk	RG0
CCT	2700K	ULR	100.00%
CRI	> 80	BUG Rating	B0 U3 G0
MacAdam (SDCM)	3	CIE Flux Code	0 0 0 0 100
Source lumen output (lm)	608	LED lifetime	L80 B10 50.000h
Luminaire lumen output (lm)	146	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F
Light emission	Diffused		
Beam angle	120°		

Mechanical data

Width (mm)	27	Class ISO 9223	CX
Length (mm)	510	Optical optional	None
Height (mm)	49	Maximal working temperature	+50° C
Weight (g)	550	Minimal working temperature	-20° C
IP Rating	IP66 / IP67	Maximal static load (kN)	20
IK rating	IK10	Walk-over	Yes
Finishing colour	Opal white	Driver-over	Yes
Frame material	Stainless steel 316L	Maximal surface temperature	+50° C
Body material	Trasparent PMMA	Areas EN 60598-2-13	A1 / A2 / A3 / A4
Diffuser material	Opal PMMA		

Electrical data

Nominal power (W)	6	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V	Idroskud® protection	Yes
Ballast	Remote	Inverse polarity protection	Yes
Insulation class	III	Voltage spikes protection	Yes
Dimmable	Yes		
Connector type	M12 - 5 poles IP67		
Power cable length	0,4 m		

Photometry

Technical drawing

