

LINEO 2.1

LINEO 2.1 1010mm 24W OPAL RGBW
24V PWM 0,4M

Cod: **LNE01PBK000A00**



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



RGBW luminaire

Light source allows to mix colours controlling four channels



Mizar warranty

5 years warranty



Technical description

Linear inground 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 consists of Chip Led SMD3014 (4000K) and Led SMD3528 (RGB), 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.

MIZAR is a brand of REER SPA

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Lighting data

Source type	SMD chip 3014 + SMD chip	Photobiological risk	RG0
	3528	ULR	100.00%
CCT	RGBW (4000K)	BUG Rating	B0 U3 G0
CRI	> 80	CIE Flux Code	0 0 0 0 100
MacAdam (SDCM)	3	LED lifetime	L80 B10 50.000h
Source lumen output (lm)	1876	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): E
Luminaire lumen output (lm)	394		
Light emission	Diffused		
Beam angle	120°		

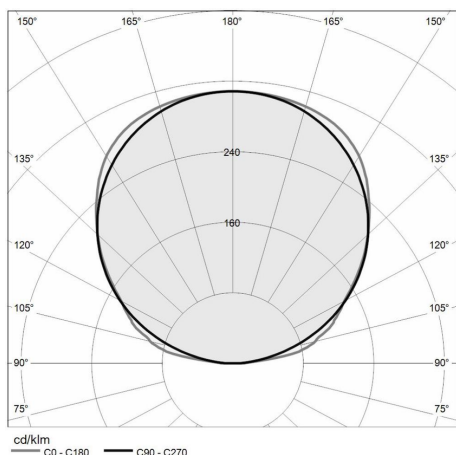
Mechanical data

Width (mm)	27	Diffuser material	Opal PMMA
Length (mm)	1010	Class ISO 9223	CX
Height (mm)	49	Optical optional	None
Weight (g)	975	Maximal working temperature	+50° C
IP Rating	IP66 / IP67	Minimal working temperature	-20° C
IK rating	IK10	Maximal static load (kN)	20
Finishing colour	Opal white	Walk-over	Yes
Frame material	Stainless steel 316L	Driver-over	Yes
Body material	Transparent PMMA	Maximal surface temperature	+50° C
External screws material	Stainless steel 316L (A4)	Areas EN 60598-2-13	A1 / A2 / A3 / A4

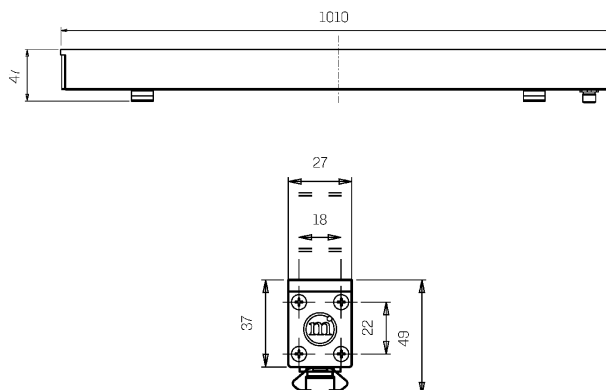
Electrical data

Nominal power (W)	24	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		

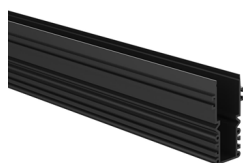
Photometry



Technical drawing



Accessories



FLOOR OUTERCASE 1011 MM
Outercase PC for floor 1011mm LINEO
Cod: LNEZZZ001



PLASTER OUTERCASE 1011 MM
Outercase PC for plasterboard 1011mm LINEO
Cod: LNEZZZ004



EXTENSION 0,5 M
5-pole extension 0.5m OT/NI rings for LINEO
Cod: LNEZZZ012



EXTENSION 1 M
5-pole extension 1m OT/NI rings for LINEO
Cod: LNEZZZ013



EXTENSION 1,5 M
5-pole extension 1.5m OT/NI rings for LINEO
Cod: LNEZZZ014



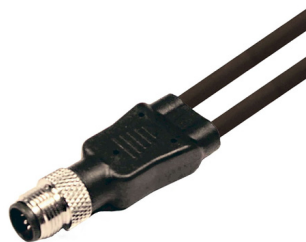
EXTENSION 5 M
5-pole extension 5m OT/NI rings for LINEO
Cod: LNEZZZ015



EXTENSION 10 M
5-pole extension 10m OT/NI rings for LINEO
Cod: LNEZZZ016



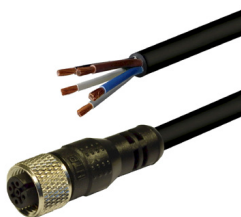
EXTENSION 15 M
5-pole extension 15m OT/NI rings for LINEO
Cod: LNEZZZ017



SPLITTER 2 WAY

2-way 5-pole splitter with OT/NI rings for LINEO

Cod: LNEZZZ019



POWER CABLE

Power cable 5 poles - M12 female 1,5m

Cod: LNEZZZ021



OUTERCASE HEAD KIT

Head kit for ground LINEO outer case

Cod: LNEZZZ022



PLASTER OUTERCASE HEAD KIT

Head kit for plasterboard LINEO outer case

Cod: LNEZZZ023



OUTERCASE FIXING KIT

Fixing kit for LINEO outer case

Cod: LNEZZZ024



OUTERCASE COUPLING KIT

Bracket kit for coupling LINEO outer case

Cod: LNEZZZ025



EXTRACTION KIT

Extraction kit from outer case for LINEO

Cod: LNEZZZ026



RGBW CONTROL UNIT

Control unit WT5 5-channel RGBW PWM/WiFi

Cod: MID0023



NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 70W 2,9A IP67

Cod: MID0028



RGBW REMOTE

Remote control RGBW RT1zone RF 2.4GHz

Cod: MID1000



RGBW TOUCH PANEL

Touch wall panel RGBW 4 zone

Cod: MID1001



NOT DIMMABLE POWER SUPPLY

Power supply DC 24V 150W 6,25A IP67

Cod: MID0029



DIMMABLE POWER SUPPLY

Power supply DC 24V 120W 5A IP67
DALI2/PWM

Cod: MID0030



DIMMABLE POWER SUPPLY

Power supply DC 24V 200W 5A IP67
DALI2/PWM

Cod: MID0031