LINEO 1.1

LINEO 1.1 1010mm 12W OPAL 3000K 24V

Cod: **LNE01DBK000A00**

Metel: **LNEDAK001**

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 67
Protected against temporary immersion (30 minutes) up to 1 meter

IP 66
Protected against powerful water jets (100 liters per minute)

IK 10
Protected against impact of 20 J

High temperatures
Design to withstand temperatures up to +50° C

Drive-over
Fixture design to withstand a static load up to 2000kg

CX - Extreme
corrosion resistance level ISO 9223

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 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.

MIZAR is a brand of REER SPA
Via Carcano 32 - 10153 - Torino, Italy
Tel: +39 011 9969833 - Mail: info@mizar.it - www.mizar.it

Lighting data

Source type	SMD chip 3014
CCT	3000K
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	1320
Luminaire lumen output (lm)	301
Light emission	Diffused
Beam angle	120°

Photobiological risk	RG0
ULR	100.00%
BUG Rating	B0 U3 G0
CIE Flux Code	0 0 0 0 100
LED lifetime	L90 B10 50.000h (Ta +25°C)
Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): F

Mechanical data

Width (mm)	27
Length (mm)	1010
Height (mm)	49
Weight (Kg)	1
IP Rating	IP66 / IP67
IK rating	IK10
Finishing colour	Opal white
Frame material	Stainless steel 316L
Body material	Trasparent PMMA
External screws material	Stainless steel 316L (A4)

Diffuser material	Opal PMMA
Class ISO 9223	CX
Optical optional	None
Maximal working temperature	+50° C
Minimal working temperature	-20° C
Maximum static load (kg)	2000
Walk-over	Yes
Drive-over	Yes
Maximal surface temperature	+50° C
Areas EN 60598-2-13	A1 / A2 / A3 / A4

Electrical data

Nominal power (W)	12
Power supply (input power type)	Costant voltage - 24V DC
Ballast	Remote
Insulation class	III
Dimmable	Yes (PWM)
Connector type	M12 - 5 poles IP67
Power cable length	0,4 m

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

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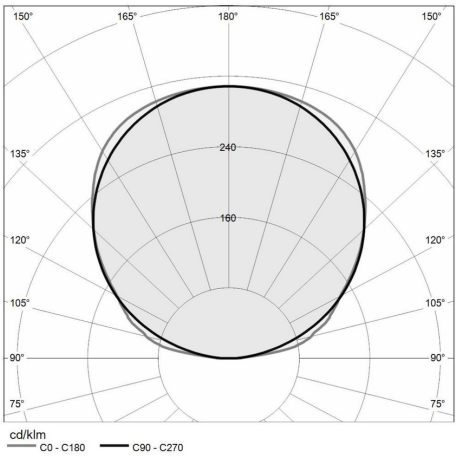
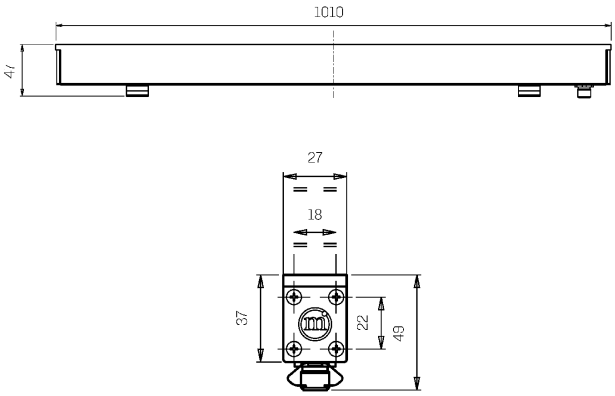
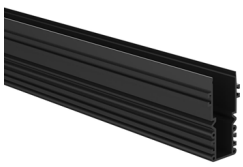
Photometry



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 (5 x 0,34mm²)

Cod: LNEZZZ012

EXTENSION 1 M

5-pole extension 1m OT/NI rings for LINEO (5 x 0,34mm²)

Cod: LNEZZZ013

EXTENSION 1,5 M

5-pole extension 1.5m OT/NI rings for LINEO (5 x 0,34mm²)

Cod: LNEZZZ014

EXTENSION 5 M

5-pole extension 5m OT/NI rings for LINEO (5 x 0,34mm²)

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 (5 x 0,34mm²)

Cod: LNEZZZ017

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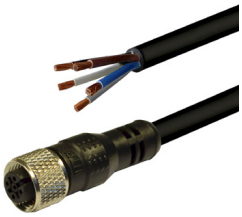
SPLITTER 2 WAY

2-way 5-pole splitter with OT/NI rings for LINEO (5 x 0,34mm²)

Cod: LNEZZZ019



POWER CABLE

Power cable 5 poles - M12 female 1,5m (5 x 0,34mm²)

Cod: LNEZZZ021

OUTERCASE HEAD KIT

Head kit for ground LINEO outercase

Cod: LNEZZZ022

PLASTER OUTERCASE HEAD KIT

Head kit for plasterboard LINEO outercase

Cod: LNEZZZ023

OUTERCASE FIXING KIT

Fixing kit for LINEO outercase

Cod: LNEZZZ024

OUTERCASE COUPLING KIT

Bracket kit for coupling LINEO outercase

Cod: LNEZZZ025

EXTRACTION KIT

Extraction kit from outercase for LINEO

Cod: LNEZZZ026

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

NOT DIMMABLE POWER SUPPLY

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

Cod: MID0028

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