

# LAMINA 2.0

LAMINA 5.1 507mm 13W OPAL RGBW  
24V PWM 0,4M

Cod: **LMA01PBK000A00**



**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 power  
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 200kg



**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

LAMINA is a linear ingrounds range, 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 light source is LED SMD3014, powered at 24V in constant voltage. 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)	984	Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): E
Luminaire lumen output (lm)	206		
Light emission	Diffused		
Beam angle	120°		

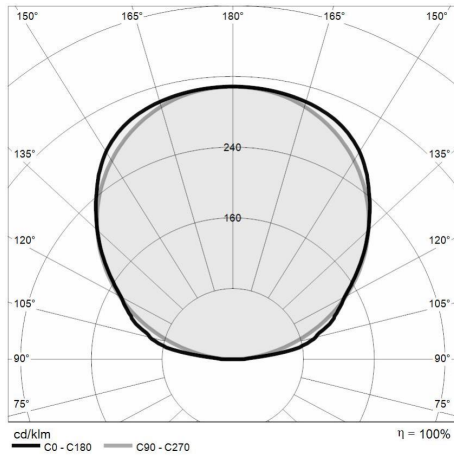
## Mechanical data

Width (mm)	18	Class ISO 9223	CX
Length (mm)	507	Maximal working temperature	+50° C
Height (mm)	34.5	Minimal working temperature	-20° C
IP Rating	IP66 / IP67	Maximum static load (kg)	2000
IK rating	IK10	Walk-over	Yes
Finishing colour	Opal white	Drive-over	Yes
Body material	Trasparent PMMA	Maximal surface temperature	+50° C
Diffuser material	Opal PMMA	Areas EN 60598-2-13	A1 / A2 / A3 / A4

## Electrical data

Nominal power (W)	13	Electrical connection	Parallel connection
Power supply (input power type)	Costant voltage - 24V DC	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

