

LAMINA 5.1

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

Cod: **LAM01PBK000A00**



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 2000kg



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. LAMINA 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
	3528
CCT	RGBW (4000K)
CRI	> 80
MacAdam (SDCM)	3
Source lumen output (lm)	984
Luminaire lumen output (lm)	206
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	L80 B10 50.000h
Efficiency class	This product contains a light source of energy efficiency class (EU2019/2015): E

Mechanical data

Width (mm)	18
Length (mm)	507
Height (mm)	34.5
IP Rating	IP66 / IP67
IK rating	IK10
Finishing colour	Opal white
Body material	Trasparent PMMA
Diffuser material	Opal PMMA

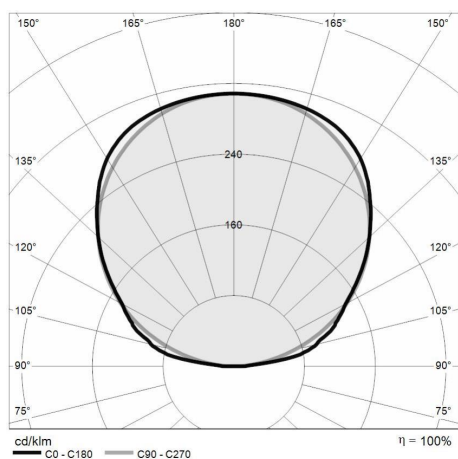
Class ISO 9223	CX
Maximal working temperature	+50° C
Minimal working temperature	-20° C
Maximum static load (kg)	2000
Walk-over	Yes
Drive-over	Yes
Maximal surface temperature	+50° C
Areas EN 60598-2-13	A1 / A2 / A3 / A4

Electrical data

Nominal power (W)	13
Power supply (input power type)	Costant voltage - 24V DC
Ballast	Remote
Insulation class	III
Dimmable	Yes
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

Photometry



Technical drawing

