code: 206984   EAN: 5905378206984

LED line LITE Road luminaire FLAMINGO 100W 4000K 10000lm with twilight sensor grey

The luminaire uses safety features that guarantee long-term performance and reliability. The power cable has been completely placed in the housing, which effectively protects it from damage when the angle of the light source changes. In addition, the mounting holes are located at the bottom of the luminaire, which minimizes the risk of damage under the influence of weather conditions. The luminaire is also characterized by a mechanical resistance class equal to IK08, which means that it is extremely resistant to mechanical damage Additional confirmation of the quality of the luminaire is the 3-year warranty provided for the product.

Luminous efficiency of 100 lm/W means that the FLAMINGO luminaire allows efficient use of energy, which translates into savings in the form of lower electricity bills and is less of a burden on the environment. On the other hand, the color temperature of 4000K makes the emitted light neutral, which contributes to greater comfort for users of illuminated outdoor spaces. The wide angle of illumination - 140 x 70° - allows even illumination of larger areas, ensuring good visibility and safety.

Optimum illumination of the space is ensured by the fact that the luminaire switches on at 50 lux and switches off at 500 lux, meaning that it works not only at night but also in overcast conditions.

A color rendering index of Ra>80 means that the colors of objects illuminated using the FLAMINGO luminaire are faithfully reproduced, allowing for better perception of the environment.

Why is it so important? Proper lighting outdoors in various spaces such as roads, parks, parking lots and backyards is crucial for a number of reasons - it provides visibility, but also demonstrates a concern for safety, convenience and aesthetics. The installation of FLAMINGO luminaires brings a number of benefits to local governments, developers, business owners and private properties.

140 x 70 °	Beam angle	voltage 220-240 VAC	Voltage range and voltage type
MAX -25÷50 °C	Ambient temperature suitable for operation	SMD LED	LED type
25 000 L70B50	Lifespan	144	LED quantity

Parameter	Value
ULOR	0 %
Power	100 W

Parameter	Value
Power Factor	0,9
Colour consistency in McAdam ellipses	≤6

Colour of the light	White	Ambient temperature suitable for operation	-25÷50 ℃
Energy efficiency class 2019/2015	E	For indoor and outdoor use	YES
Luminous flux	10000 lm	IEC protection class	I
Correlated colour temperature	4000 K	Lamp's warm-up time to 60%	1
Colour consistency in McAdam ellipses	≤6	Length	597 mm
IP protection rating	65	Width	89 mm
Warranty (years)	3	Height	108 mm
Survival factor	0.9	Product weight with packaging	910 g
Lifetime L70B50	25 000	EPREL ID	2 022 263
Wire length	300 mm	Form of the product (EPREL)	Glass Out
Weight	870 g	Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Mounting type	mixed	Is the product equipped with an integrated light source? (EPREL)	Yes
Supply voltage range and voltage type	220-240 VAC	Non-directional or directional light source (EPREL)	NDLS
Frequency of the supply voltage	50/60Hz	Mains or non- mains light source (EPREL)	MLS
Colour rendering index Ra	80	Connected light source (EPREL)	No
Colour	Grey	Colour-tuneable light source (EPREL)	No
The lumen maintenance factor	96 %	R9 colour rendering index value (EPREL)	1
Beam angle	140 x 70 °	Total luminous flux (EPREL)	12 500
Material (cover)	polycarbonate	On-mode power Pon (EPREL)	100
LED type	SMD LED	Useful luminous flux Φuse (EPREL)	12 500
LED quantity	144	Beam angle in degrees (EPREL)	120

Single packaging
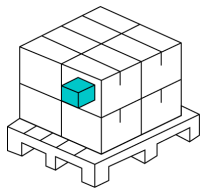
Width	113 mm
Height	83 mm
Length	597 mm
Weight	0,91 kg
	1

Bulk packaging
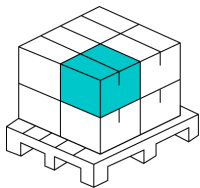
Outer box quantity	20 pcs.
	20
Width	615 mm
	465
Length	440 mm
Weight	19 kg
Volume	0,126 m3

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