

CORONA STREET LED EVO RM1 12600LM I KL. IP66 740 SP10KV (100W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	641442
Ingress protection:	IP66
Impact resistance:	IK08
Nominal power [W]:	100
Luminous flux [lm]*:	12600
Colour temperature [K]:	4000
SDCM:	≤ 3
Colour rendering index:	>70
Electrical protection class:	I
Energy efficiency class:	D

CHARACTERISTICS

Road LED fitting with integrated energy-saving LED module and high luminous flux. The body and handle has been made out of die cast aluminum, powder painted in gray (RAL9006). Accessory cover made out of plastic. The fitting uses directional lens matrices made of PMMA, available versions: RM1 (Road Medium 1), RW1 (Road Wide 1). Lampshade is made out of hardened glass. IP66 ingress protection class and IK08 impact-rating features make this fitting extremely tight and shock-resistant (vandal-resistant). Integrated, step-regulated grip allows to set the fitting. Beam angle adjustment: 0° to +15° (peak to pole); -15° to 0° (side to boom). Options: First class protection, DALI and LineSwitch control, ability to program 5-step power reduction, CLO - maintaining luminous flux in time. Equipped with surge protection SP10kV as standard.

APPLICATION

This road fitting is designed to be used in open areas for lighting: highways, expressways, streets, local roads, crossroads and car-parks.

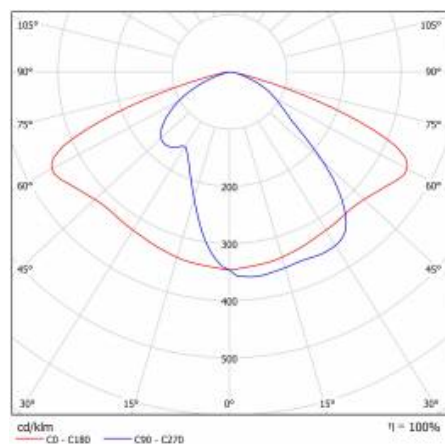
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TECHNICAL PARAMETERS TABLE

Light source:	LED module	Mounting version:	on the pole
Nominal power [W]:	100	Working temperature [°C]:	from -20 to +35
Rated power of the luminaire [W]:	100	Beam angle adjustment [°]:	0 to +15 (peak to pole); -15 to 0 (side to boom)
Supply voltage [V]:	220-240	Lateral surface (SCx) [m2]:	0.020
Luminous flux [lm]:	12600	Number on the palette [pcs]:	18
Luminous efficacy [lm/W]:	126	Net weight [kg]:	4.300
Energy efficiency class:	D	CE certificate:	96/2023
Electrical protection class:	I	Index:	641442
Colour temperature [K]:	4000	EAN:	5905963641442
Colour rendering index:	>70	Category type:	street lighting
SDCM:	≤ 3	Category of application:	parkings and bicycle paths
Power factor:	0.98	Version:	RM1
Surge protection [kV]:	10	Luminaire rated power Omin [W]:	100.10
Diffuser material:	glass	LED lifespan L90B10 [h]:	100000
Diffuser colour:	transparent	Light distribution type:	RM1
Optics material:	PMMA	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Optics:	matrix lens	ENEC Certificate:	BBJ/004/2019
Material of the body:	aluminium	Warranty [years]:	5
Colour of the body:	grey	ETIM class:	EC000062
Dimensions (H/W/T/S) [mm]:	648/262/128	Warranty [years]:	5
Mounting dimensions [mm]:	∅60	ULOR:	0%
Impact resistance:	IK08	Manual:	Download PDF
Ingress protection:	IP66		

LIGHT CURVES



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DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
UL00141	mounting grip 76mm
314049	wall holder (galvanized)
314056	wall holder (grey)



mounting grip 76mm (UL00141)



wall holder (galvanized) (314049)



wall holder (grey) (314056)

Card creation date: 08 August 2022

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 96/2023