

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	644313
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	100
<b>Luminous flux [lm]*:</b>	12600
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 3
<b>Colour rendering index:</b>	>70
<b>Electrical protection class:</b>	II
<b>Energy efficiency class:</b>	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.

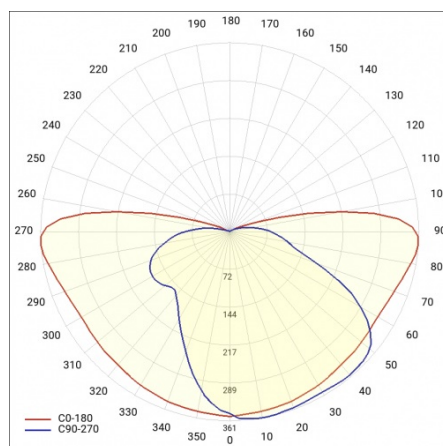
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	100	Ingress protection:	IP66
Light source:	LED module	Mounting version:	on the pole
Colour temperature [K]:	4000	Working temperature [°C]:	from -20 to +35
Luminous flux [lm]:	12600	Tilt angle adjustment [°]:	0 to +15 (peak to pole); -15 to 0 (side to boom)
Rated power of the luminaire [W]:	100	Lateral surface (SCx) [m2]:	0.020
Light distribution type:	RM1	Number on the palette [pcs]:	18
Supply voltage [V]:	220-240	Net weight [kg]:	4.300
DIMM DALI:	yes	CE certificate:	<a href="#">96/2023</a>
Frequency [Hz]:	50 - 60	Index:	644313
Electrical protection class:	II	EAN:	5905963644313
Energy efficiency class:	D	Category type:	street lighting
Luminous efficacy [lm/W]:	126	Category of application:	parkings and bicycle paths
Colour rendering index:	>70	Version:	RM1
SDCM:	≤ 3	Luminaire rated power $P_{min}$ [W]:	100.10
Power factor:	0.98	AC voltage range [V]:	198 - 264
Surge protection [kV]:	10	DC voltage range [V]:	186 - 250
Diffuser material:	glass	LED lifespan L90B10 [h]:	100000
Diffuser colour:	transparent	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Optics material:	PMMA	ENEC Certificate:	<a href="#">BBJ/005/2019</a>
Optics:	matrix lens	Warranty [years]:	5
Material of the body:	aluminium	ETIM class:	EC000062
Colour of the body:	grey	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	648/262/128	ULOR:	0%
Mounting dimensions [mm]:	ø60	Manual:	<a href="#">Download PDF</a>
Impact resistance:	IK08	Pliik LDT:	<a href="#">Download</a>

## LIGHT CURVES



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## 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