

# CORONA STREET LED EVO RM1 5950LM DALI II KL. IP66 740 SP10KV (42W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	644580
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	42
<b>Luminous flux [lm]*:</b>	6000
<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>	C

## 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.

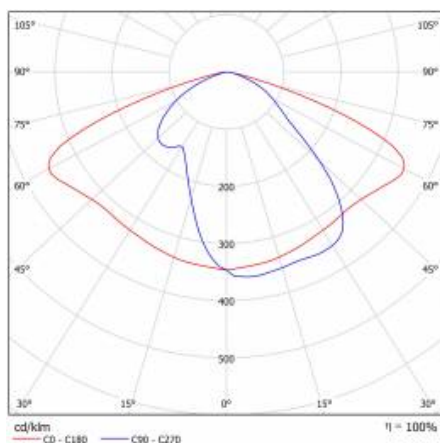
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## TECHNICAL PARAMETERS TABLE

Light source:	LED module	Working temperature [°C]:	from -20 to +35
Nominal power [W]:	42	Tilt angle adjustment [°]:	0 to +15 (peak to pole); -15 to 0 (side to boom)
Rated power of the luminaire [W]:	42	Lateral surface (SCx) [m2]:	0.020
Supply voltage [V]:	220-240	DIMM DALI:	yes
Frequency [Hz]:	50 - 60	Number on the palette [pcs]:	18
Luminous flux [lm]:	6000	Net weight [kg]:	4.300
Luminous efficacy [lm/W]:	143	CE certificate:	<a href="#">96/2023</a>
Energy efficiency class:	C	Index:	644580
Electrical protection class:	II	EAN:	5905963644580
Colour temperature [K]:	4000	Category type:	street lighting
Colour rendering index:	>70	Category of application:	parkings and bicycle paths
SDCM:	≤ 3	Version:	RM1
Power factor:	0.96	Luminaire rated power Omin [W]:	42.10
Surge protection [kV]:	10	AC voltage range [V]:	198 - 264
Diffuser material:	glass	DC voltage range [V]:	186 - 250
Diffuser colour:	transparent	LED lifespan L90B10 [h]:	100000
Optics material:	PMMA	Light distribution type:	RM1
Optics:	matrix lens	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Material of the body:	aluminium	ENEC Certificate:	<a href="#">BBJ/005/2019</a>
Colour of the body:	grey	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	648/262/128	ETIM class:	EC000062
Mounting dimensions [mm]:	ø60	Warranty [years]:	5
Impact resistance:	IK08	ULOR:	0%
Ingress protection:	IP66	Manual:	<a href="#">Download PDF</a>
Mounting version:	on the pole		

## 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