CORONA STREET LED EVO RM1 7000LM DALI I KL. IP66 757 SP10KV (47W)

DETAILED CARD





TECHNICAL PARAMETERS

Index:	644849
Ingress protection:	IP66
Impact resistance:	IK08
Nominal power [W]:	47
Luminous flux [lm]*:	7000
Colour temperature [K]:	5700
SDCM:	≤3
Colour rendering index:	>70
Electrical protection class:	I
Energy efficiency class:	С

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 carparks.



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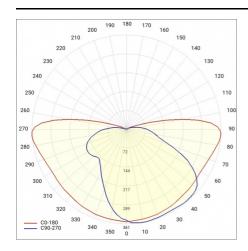
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Nominal power [W]: 47 Light source: LED module Colour temperature [K]: 5700 Luminous flux [Im]: 7000 Rated power of the luminaire [W]: 47 Light distribution type: RM1 Supply voltage [V]: 220-240 DIMM DALI: yes Frequency [Hz]: 50 - 60 Electrical protection class: I Energy efficiency class: C Luminous efficacy [Im/W]: 149 Colour rendering index: >70 SDCM: ≤ 3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128 Mounting dimensions [mm]: ø60		
Colour temperature [K]: 5700 Luminous flux [Im]: 7000 Rated power of the luminaire [W]: 47 Light distribution type: RM1 Supply voltage [V]: 220-240 DIMM DALI: yes Frequency [Hz]: 50 - 60 Electrical protection class: I Energy efficiency class: C Luminous efficacy [Im/W]: 149 Colour rendering index: >70 SDCM: ≤3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: material: pgey Material of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Nominal power [W]:	47
Luminous flux [lm]: Rated power of the luminaire [W]: Light distribution type: Supply voltage [V]: DIMM DALI: Frequency [Hz]: Electrical protection class: Energy efficiency class: C Luminous efficacy [lm/W]: Colour rendering index: SDCM: SDCM: Surge protection [kV]: Diffuser material: Diffuser colour: Optics material: Optics: Material of the body: Dimensions (H/W/T/S) [mm]: ### 17000 ### 147 ### 147 ### 149 Colour distribution type: RMI ### 220-240 ### 1	Light source:	LED module
Rated power of the luminaire [W]: Light distribution type: Supply voltage [V]: DIMM DALI: Frequency [Hz]: Electrical protection class: Energy efficiency class: C Luminous efficacy [Im/W]: Colour rendering index: SDCM: Power factor: Surge protection [kV]: Diffuser material: Diffuser colour: Optics material: Material of the body: Colour of the body: Dimensions (H/W/T/S) [mm]: ### A7 #	Colour temperature [K]:	5700
Light distribution type: Supply voltage [V]: DIMM DALI: Frequency [Hz]: Electrical protection class: Energy efficiency class: C Luminous efficacy [Im/W]: Colour rendering index: >70 SDCM: SDCM: Surge protection [kV]: 10 Diffuser material: Diffuser colour: Optics material: Optics: Material of the body: Dimensions (H/W/T/S) [mm]: RM1 220-240 yes 240 240 240 240 240 240 240 24	Luminous flux [lm]:	7000
Supply voltage [V]: 220-240 DIMM DALI: yes Frequency [Hz]: 50 - 60 Electrical protection class: I Energy efficiency class: C Luminous efficacy [lm/W]: 149 Colour rendering index: >70 SDCM: ≤ 3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Rated power of the luminaire [W]:	47
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Frequency [Hz]: 50 - 60 Electrical protection class: I Energy efficiency class: C Luminous efficacy [Im/W]: 149 Colour rendering index: >70 SDCM: ≤3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: material: PMMA Optics: material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Supply voltage [V]:	220-240
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Energy efficiency class: Luminous efficacy [Im/W]: Colour rendering index: >70 SDCM: SDCM: Surge protection [kV]: Diffuser material: Diffuser colour: Optics material: Optics: Material of the body: Colour of the body: Dimensions (H/W/T/S) [mm]:	Frequency [Hz]:	50 - 60
Luminous efficacy [lm/W]: 149 Colour rendering index: >70 SDCM: ≤ 3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Electrical protection class:	1
Colour rendering index: >70 SDCM: ≤ 3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Energy efficiency class:	С
SDCM: ≤ 3 Power factor: 0.96 Surge protection [kV]: 10 Diffuser material: glass Diffuser colour: transparent Optics material: PMMA Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Luminous efficacy [lm/W]:	149
Power factor: Surge protection [kV]: Diffuser material: Diffuser colour: Optics material: Optics: Material of the body: Colour of the body: Dimensions (H/W/T/S) [mm]: 0.96 10 Mass glass transparent PMMA matrix lens aluminium Grey 648/262/128	Colour rendering index:	>70
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Diffuser material: Diffuser colour: Diffuser colour: Optics material: Optics: Material of the body: Colour of the body: Dimensions (H/W/T/S) [mm]: glass transparent PMMA matrix lens aluminium Grey 648/262/128	Power factor:	0.96
Diffuser colour: transparent Optics material: PMMA Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Surge protection [kV]:	10
Optics material: Optics: matrix lens Material of the body: Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Diffuser material:	glass
Optics: matrix lens Material of the body: aluminium Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Diffuser colour:	transparent
Material of the body: Colour of the body: Dimensions (H/W/T/S) [mm]: aluminium grey 648/262/128	Optics material:	PMMA
Colour of the body: grey Dimensions (H/W/T/S) [mm]: 648/262/128	Optics:	matrix lens
Dimensions (H/W/T/S) [mm]: 648/262/128	Material of the body:	aluminium
	Colour of the body:	grey
Mounting dimensions [mm]: ø60	Dimensions (H/W/T/S) [mm]:	648/262/128
	Mounting dimensions [mm]:	ø60
Impact resistance: IK08	Impact resistance:	IK08

Ingress protection:	IP66
Mounting version:	on the pole
Working temperature [°C]:	from -20 to +35
Tilt angle adjustment [°]:	0 to +15 (peak to pole); -15 to 0 (side to boom)
Lateral surface (SCx) [m2]:	0.020
Number on the palette [pcs]:	18
Net weight [kg]:	4.300
CE certificate:	<u>96/2023</u>
Index:	644849
EAN:	5905963644849
Category type:	street lighting
Category of application:	parkings and bicycle paths
Version:	RM1
Luminaire rated power 0min [W]:	47.20
AC voltage range [V]:	198 - 264
DC voltage range [V]:	186 - 250
LED lifespan L90B10 [h]:	100000
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
ENEC Certificate:	BBJ/004/2019
Warranty [years]:	5
ETIM class:	EC000062
Warranty [years]:	5
ULOR:	0%
Manual:	Download PDF
Plik LDT:	Download

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%

