

ASTRA LED 9100LM 840 AR1 IP65 II CL. RCR WIRE 0,7M WTYK/GN SP10KV (69W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	663338
Ingress protection:	IP65
Impact resistance:	IK08
Rated power of the luminaire [W]*:	69
Luminous flux [lm]*:	9100
Colour temperature [K]:	4000
SDCM:	≤ 5
Colour rendering index:	> 80
Electrical protection class:	II
Energy efficiency class:	D

CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 153 lm/W) and an integrated energy-saving LED module. The self-cleaning body made of polypropylene (PP) with fibreglass (GF) and the grip made of aluminium. Thanks to the directional lens (made of PC), the light distribution meets the requirements of PN-EN 13201 lighting class. 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 by 5 degrees in the range of: -5° to +15° (peak to pole); -15° to +5° (side to boom). Options: any RAL color. RCR sensor controlled by remote control.

APPLICATION

Luminaire applicable to: streets, local roads, bicycle paths, alleys, pavements, car parks and squares. Installation and mounting: lateral side entry, post-top mounting. Mounting grip integrated with the fitting.

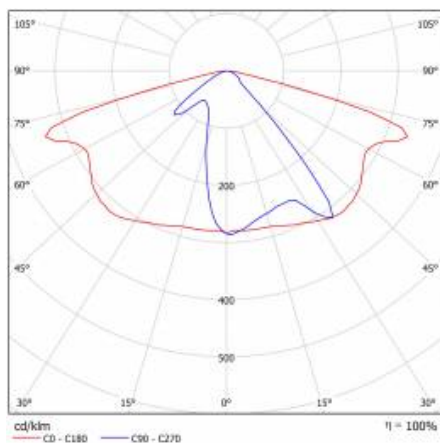
ASTRA LED 9100LM 840 AR1 IP65 II CL. RCR WIRE 0,7M WTYK/GN SP10KV (69W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	663338	Working temperature [°C]:	from -20 to +35
EAN:	6633385905963	Beam angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Light source:	LED module	Lateral surface (SCx) [m2]:	0.020
Rated power of the luminaire [W]:	69	Wire type:	H07RN-F
Supply voltage [V]:	220 - 240	Cable length [m]:	0.70
Frequency [Hz]:	50 - 60	Number on the palette [pcs]:	62
Luminous flux [lm]:	9100	Net weight [kg]:	1.900
Luminous efficacy [lm/W]:	132	Category type:	street lighting
Energy efficiency class:	D	LED lifespan L80B20 [h]:	75000
Electrical protection class:	II	Light distribution type:	symetryczny/uliczny
Colour temperature [K]:	4000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour rendering index:	> 80	Surge protection [kV]:	10
SDCM:	≤ 5	Motion sensor:	yes
Power factor:	0.98	Through wiring:	H07RN-F
Diffuser material:	PC	Operating mode:	1
Diffuser type:	matrix led	ULOR:	0%
Diffuser colour:	transparent	Optics:	AR1
Material of the body:	PP+FG	Control:	ON/OFF
Colour of the body:	gray	Optics material:	PC
Dimensions (H/W/T/S) [mm]:	640/233/113	Dusk sensor:	yes
Mounting dimensions [mm]:	ø60	Warranty [years]:	5
Impact resistance:	IK08	CE certificate:	102/2023
Ingress protection:	IP65	ENEC Certificate:	0324/ENEC/23
Mounting version:	Top, on pole / Side, on boom	Manual:	Download PDF

LIGHT CURVES



ASTRA LED 9100LM 840 AR1 IP65 II CL. RCR WIRE 0,7M WTYK/GN SP10KV (69W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
UL00229	mounting grip 78 mm



wall holder (galvanized) (314049)



wall holder (grey) (314056)



mounting grip 78 mm (UL00229)

Card creation date: 22 August 2024

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: 102/2023