

ASTRA LED VD 5800LM 830 AR1 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (52W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	663222
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	52
Luminous flux [lm]*:	5800
Colour temperature [K]:	3000
SDCM:	5
Color rendering index (Ra) >:	80
Electrical protection class:	II
Energy efficiency class:	E

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.

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TECHNICAL PARAMETERS TABLE

Index:	663222	Working temperature [°C]:	from -40 to +35
EAN:	5905963663222	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Light source:	LED module	Lateral surface (SCx) [m2]:	0.018
Rated power of the luminaire [W]:	52	Wire type:	H07RN-F
Supply voltage [V]:	220 - 240	Cable length [m]:	0.70
Frequency [Hz]:	50 - 60	Protection type:	10kV
Luminous flux [lm]:	5800	Number on the palette [pcs]:	62
Luminous efficacy [lm/W]:	112	Net weight [kg]:	1.830
Energy efficiency class:	E	Category type:	street lighting
Electrical protection class:	II	LED lifespan L80B10 [h]:	45000
Colour temperature [K]:	3000	Light distribution type:	symetryczny/uliczny
Color rendering index (Ra) >:	80	ETIM class:	EC000062
SDCM:	5	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Power factor:	0.99	Surge protection [kV]:	10
Diffuser material:	PC	ULOR:	0%
Diffuser type:	matrix led	Optics:	AR1
Diffuser colour:	transparent	Control:	ON/OFF
Material of the body:	PP+FG	Optics material:	PC
Colour of the body:	gray	Warranty [years]:	5
Dimensions (H/W/T/S) [mm]:	640/233/113	CE certificate:	52/2023
Mounting dimensions [mm]:	ø60	ENEC Certificate:	
Impact resistance:	IK08	Manual:	Download PDF
Ingress protection:	IP66	Category of application:	Street lighting
Mounting version:	Top, on pole / Side, on boom	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018

LIGHT CURVES



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ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
598357	Pole adapter 80/60 ALU
UL00214	Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED
WSEL431	HAI HD05R RC Programming Remote Control for HD0406VRH IoT



wall holder (galvanized) (314049)



wall holder (grey) (314056)



Pole adapter 80/60 ALU (598357)



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)

Card creation date: 24 April 2026

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: 52/2023