

ASTRA LED 5600LM 840 AR1 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (37W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	663000
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	37
Luminous flux [lm]*:	5600
Colour temperature [K]:	4000
SDCM:	5
Color rendering index (Ra) >:	80
Electrical protection class:	II
Energy efficiency class:	C

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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Index:	663000	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
EAN:	5905963663000	Lateral surface (SCx) [m2]:	0.018
Light source:	LED module	Wire type:	H07RN-F
Rated power of the luminaire [W]:	37	Cable length [m]:	0.70
Supply voltage [V]:	220 - 240	Protection type:	10kV
Frequency [Hz]:	50 - 60	Number on the palette [pcs]:	62
Luminous flux [lm]:	5600	Net weight [kg]:	1.900
Luminous efficacy [lm/W]:	151	Category type:	street lighting
Energy efficiency class:	C	LED lifespan L80B10 [h]:	75000
Electrical protection class:	II	Light distribution type:	symetryczny/uliczny
Colour temperature [K]:	4000	ETIM class:	EC000062
Color rendering index (Ra) >:	80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	5	Surge protection [kV]:	10
Power factor:	0.96	ULOR:	0%
Diffuser material:	PC	Optics:	AR1
Diffuser type:	matrix led	Control:	ON/OFF
Diffuser colour:	transparent	Optics material:	PC
Material of the body:	PP+FG	Warranty [years]:	5
Colour of the body:	gray	CE certificate:	102/2023
Dimensions (H/W/T/S) [mm]:	640/233/113	ENEC Certificate:	0324/ENEC/23
Mounting dimensions [mm]:	ø60	Manual:	Download PDF
Impact resistance:	IK08	Category of application:	Street lighting
Ingress protection:	IP66	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Mounting version:	Top, on pole / Side, on boom	Plik LDT:	Download
Working temperature [°C]:	from -20 to +35		

LIGHT CURVES



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DETAILED CARD

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: 102/2023