

ASTRA LED IOT BT PIR HYT 1-10V 840 AR1 IP66 II CL. CABLE 0,7M PLUG/GN SP10KV MULTIWATT (19-58W)

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP66
Impact resistance:	IK08
Rated power [W] - range:	19-58
Luminous flux [lm]*:	5600
Colour temperature [K]:	4000
SDCM:	3
Color rendering index (Ra) >:	80
Electrical protection class:	II
Energy efficiency class:	C
Material of the body:	PP+FG

CHARACTERISTICS

Streetlight LED fitting with high luminous flux 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. **IoT characteristics** The **IoT BT PIR HYT 1-10V** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control it in real time; **PIR** motion and daylight sensor and **1-10V** driver for dimming the light source.

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.

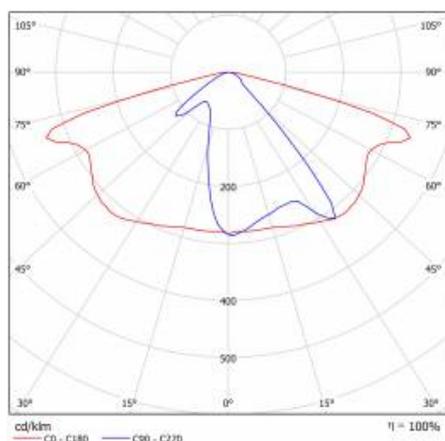
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TECHNICAL PARAMETERS TABLE

Index:	624681	Ingress protection:	IP66
EAN:	5905963663017	Mounting version:	side, top
Light source:	LED module	Working temperature [°C]:	from -20 to +35
Rated power [W] - range:	19-58	Lateral surface (SCx) [m2]:	0.018
Supply voltage [V]:	220-240	Wire type:	H07RN-F
Frequency [Hz]:	50-60	Protection type:	10kV
Luminous flux of the luminaire [lm] - range:	2490-7600	Number on the palette [pcs]:	62
Luminous efficacy [lm/W]:	151	Gross weight [kg]:	1.900
Energy efficiency class:	C	CE certificate:	449/2023
Electrical protection class:	II	Warranty [years]:	6
Colour temperature [K]:	4000	Category type:	street lighting
Color rendering index (Ra) >:	80	Version:	BT PIR HYT 1-10V
SDCM:	3	LED lifespan L70B50 [h]:	120000
Power factor:	0.96	LED lifespan L80B10 [h]:	75000
Diffuser material:	PC	LED lifespan L90B10 [h]:	34000
Diffuser type:	matrix led	ETIM class:	EC000062
Diffuser colour:	transparent	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Material of the body:	PP+FG	ULOR:	0%
Colour of the body:	gray	PIR:	yes
Dimensions (H/W/T/S) [mm]:	640/233/113	ENEC Certificate:	0324/ENEC/23
Mounting dimensions [mm]:	ø60	Category of application:	Street lighting
Impact resistance:	IK08		

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



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)

Card creation date: 29 October 2025

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: 449/2023