

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
Colour rendering index:	>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.

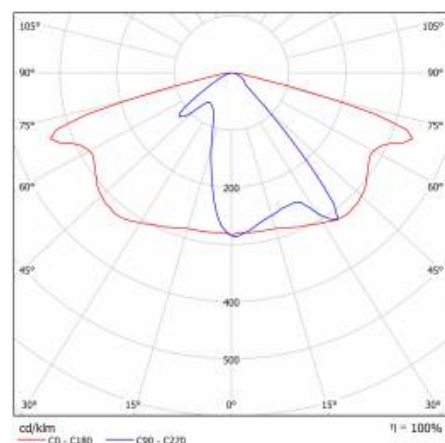
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TECHNICAL PARAMETERS TABLE

Index:	624681	Dimensions (H/W/T/S) [mm]:	640/233/113
EAN:	5905963663017	Mounting dimensions [mm]:	ø60
Rated power [W] - range:	19-58	Impact resistance:	IK08
Light source:	LED module	Ingress protection:	IP66
Colour temperature [K]:	4000	Mounting version:	side, top
Luminous flux of the luminaire [lm] - range:	2490-7600	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220-240	Lateral surface (SCx) [m2]:	0.018
Frequency [Hz]:	50-60	Wire type:	H07RN-F
Luminous efficacy [lm/W]:	151	Protection type:	10kV
Energy efficiency class:	C	Number on the palette [pcs]:	62
Electrical protection class:	II	Gross weight [kg]:	1.900
Colour rendering index:	>80	CE certificate:	449/2023
SDCM:	≤ 3	Warranty [years]:	6
Power factor:	0.96	Category type:	street lighting
Diffuser material:	PC	LED lifespan L70B50 [h]:	120000
Diffuser type:	matrix led	LED lifespan L80B20 [h]:	75000
PIR:	yes	LED lifespan L90B10 [h]:	34000
Diffuser colour:	transparent	ETIM class:	EC000062
Material of the body:	PP+FG	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour of the body:	gray	ULOR:	0%
Version:	BT PIR HYT 1-10V	ENEC Certificate:	0324/ENEC/23

LIGHT CURVES



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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: 10 March 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