

ASTRA LED IOT BT PIR HYT 1-10V 830 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]:	3000
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:	625015	Material of the body:	PP+FG
Rated power [W] - range:	19-58	Colour of the body:	gray
Light source:	LED module	Version:	BT PIR HYT 1-10V
Colour temperature [K]:	3000	Dimensions (H/W/T/S) [mm]:	640/233/113
Luminous flux of the luminaire [lm] - range:	2160-6960	Mounting dimensions [mm]:	ø60
Supply voltage [V]:	220-240	Impact resistance:	IK08
Frequency [Hz]:	50-60	Ingress protection:	IP66
Luminous efficacy [lm/W]:	151	Mounting version:	side, top
Energy efficiency class:	C	Working temperature [°C]:	from -20 to +35
Electrical protection class:	II	Lateral surface (SCx) [m2]:	0.018
Colour rendering index:	>80	Gross weight [kg]:	1.900
SDCM:	≤ 3	CE certificate:	449/2023
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	ENEC Certificate:	0324/ENEC/23

LIGHT CURVES



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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