

# ASTRA LED IOT BT 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 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 in real time, and a **1-10V** driver that allows you to dim 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.

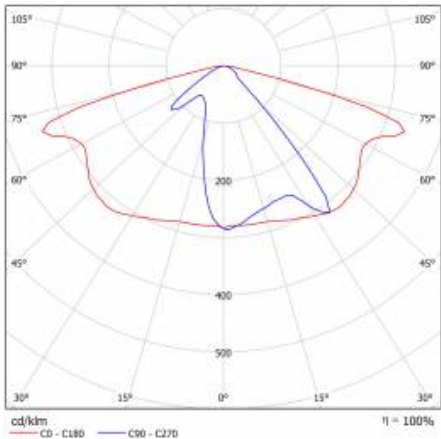
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## TECHNICAL PARAMETERS TABLE

Index:	624674	Impact resistance:	IK08
EAN:	5905963663017	Ingress protection:	IP66
Light source:	LED module	Mounting version:	side, top
Rated power [W] - range:	19-58	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 flux of the luminaire [lm] - range:	2490-7600	Protection type:	10kV
Luminous efficacy [lm/W]:	151	Number on the palette [pcs]:	62
Energy efficiency class:	C	Gross weight [kg]:	1.900
Electrical protection class:	II	CE certificate:	<a href="#">449/2023</a>
Colour temperature [K]:	4000	Warranty [years]:	6
Colour rendering index:	>80	Category type:	street lighting
SDCM:	≤ 3	Version:	BT HYT 1-10V
Power factor:	0.96	LED lifespan L70B50 [h]:	120000
Diffuser material:	PC	LED lifespan L80B20 [h]:	75000
Diffuser type:	matrix led	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%
Dimensions (H/W/T/S) [mm]:	640/233/113	ENEC Certificate:	<a href="#">0324/ENEC/23</a>
Mounting dimensions [mm]:	ø60		

## LIGHT CURVES



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

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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 andelectronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 449/2023