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 |
| Color rendering index (Ra) >: | 80 |
| Electrical protection class: | II |
| Energy efficiency class: | С |
| 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 characteristicsThe 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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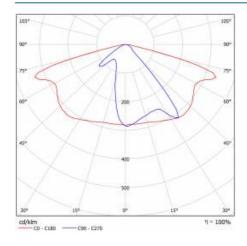
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| Index: | 624674 |
|--|---------------|
| EAN: | 5905963663017 |
| Light source: | LED module |
| Rated power [W] - range: | 19-58 |
| Supply voltage [V]: | 220-240 |
| Frequency [Hz]: | 50-60 |
| Luminous flux of the luminaire [lm] - range: | 2490-7600 |
| Luminous efficacy [lm/W]: | 151 |
| Energy efficiency class: | С |
| Electrical protection class: | II |
| Colour temperature [K]: | 4000 |
| Color rendering index (Ra) >: | 80 |
| SDCM: | 3 |
| Power factor: | 0.96 |
| Diffuser material: | PC |
| Diffuser type: | matrix led |
| Diffuser colour: | transparent |
| Material of the body: | PP+FG |
| Colour of the body: | gray |
| Dimensions (H/W/T/S) [mm]: | 640/233/113 |
| Mounting dimensions [mm]: | ø60 |
| | |

| Impact resistance: | IK08 |
|------------------------------|---|
| Ingress protection: | IP66 |
| Mounting version: | side, top |
| Working temperature [°C]: | from -20 to +35 |
| Lateral surface (SCx) [m2]: | 0.018 |
| Wire type: | H07RN-F |
| Protection type: | 10kV |
| Number on the palette [pcs]: | 62 |
| Gross weight [kg]: | 1.900 |
| CE certificate: | 449/2023 |
| Warranty [years]: | 6 |
| Category type: | street lighting |
| Version: | BT HYT 1-10V |
| LED lifespan L70B50 [h]: | 120000 |
| LED lifespan L80B20 [h]: | 75000 |
| LED lifespan L90B10 [h]: | 34000 |
| ETIM class: | EC000062 |
| Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| ULOR: | 0% |
| ENEC Certificate: | 0324/ENEC/23 |
| Category of application: | Street lighting |

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%

