# ASTRA LED 12800LM 840 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 664816 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK08 |
| **Rated power of the luminaire [W]*:** | 103 |
| **Luminous flux [lm]*:** | 12800 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 5 |
| **Color rendering index (Ra) >:** | 80 |
| **Electrical protection class:** | I |
| **Energy efficiency class:** | D |

## CHARACTERISTICS

Streetlight LED fitting with high luminous flux (max 153 lm/W) 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. RCR sensor controlled by remote control.

## 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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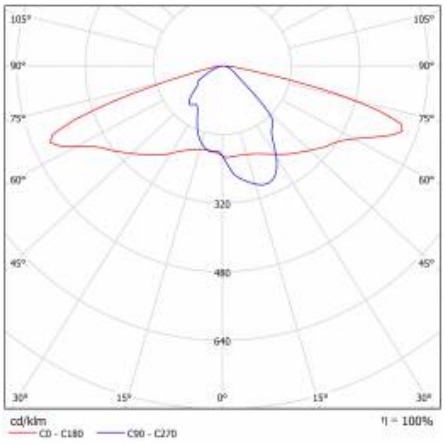
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 664816 |
| **EAN:** | 6648165905963 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 103 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 12800 |
| **Luminous efficacy [lm/W]:** | 125 |
| **Energy efficiency class:** | D |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 5 |
| **Power factor:** | 0.98 |
| **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:** | Top, on pole / Side, on boom |

| | |
|---|---|
| **Working temperature [°C]:** | from -20 to +35 |
| **Tilt angle adjustment [°]:** | -5 to +15 (peak); -15 to +5 (side) |
| **Lateral surface (SCx) [m2]:** | 0.018 |
| **Wire type:** | H07RN-F |
| **Cable length [m]:** | 0.70 |
| **Protection type:** | 10kV |
| **Number on the palette [pcs]:** | 62 |
| **Net weight [kg]:** | 1.900 |
| **Category type:** | street lighting |
| **LED lifespan L80B10 [h]:** | 71000 |
| **ETIM class:** | EC000062 |
| **Surge protection [kV]:** | 10 |
| **ULOR:** | 0% |
| **Optics:** | AR2 |
| **Control:** | ON/OFF |
| **Optics material:** | PC |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 104/2023 |
| **ENEC Certificate:** | 0323/ENEC/23 |
| **Manual:** | Download PDF |
| **Category of application:** | Street lighting |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES

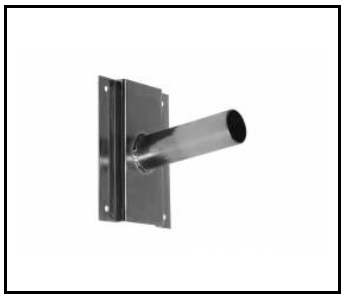


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## ACCESSORIES AVAILABLE

| 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 |
| WSEL431 | HAI HD05R RC Programming Remote Control for HD0406VRH IoT |



wall holder (galvanized) (314049)



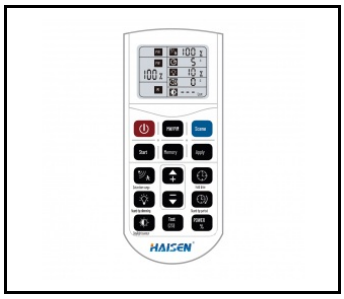
wall holder (grey) (314056)



Pole adapter 80/60 ALU (598357)



Adjustable bracket Astra LED/Astra LED BASIC aluminium grey RAL 9006 diameter 64 mm Corona 2 LED (UL00214)



HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)

Card creation date: 24 April 2026

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: 104/2023

LENA LIGHTING

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