

# ASTRA LED ALU 5600LM 857 AR1 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (37W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	580178
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	37
<b>Luminous flux [lm]*:</b>	5600
<b>Colour temperature [K]:</b>	5700
<b>Color rendering index (Ra) &gt;:</b>	80
<b>Electrical protection class:</b>	I
<b>Optics:</b>	AR1
<b>Colour of the body:</b>	grey

## CHARACTERISTICS

LED road luminaire with high luminous efficacy (up to 151 lm/W) and energy-efficient integrated LED module. Self-cleaning body and handle made of powder-coated aluminium. The luminaire uses directional lens matrices (made of polycarbonate PC). The luminaire is characterised by a high degree of protection IP66 and mechanical impact resistance IK08 (vandal resistant). The integrated bracket, adjustable in increments of 5 degrees, allows adjustment from: -5° to +15° (top, on pole); -15° to +5° (side, on boom). Constructed as standard with 0.7m of H07RN-F cable with IP66 quick-connector. Additional options: painting in any RAL colour; RCR sensor controlled by remote control. Certifications: CE, RoHS, ENEC.

## APPLICATION

Road luminaire for use in open areas, for lighting: streets, local roads, cycle paths, alleys, pavements, car parks and squares.

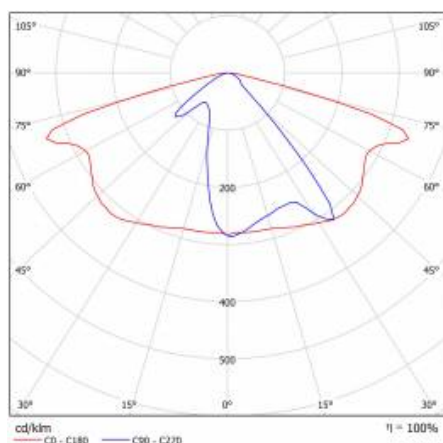
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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	580178	<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113
<b>EAN:</b>	5905963580178	<b>Mounting dimensions [mm]:</b>	ø60
<b>ETIM class:</b>	EC000062	<b>Impact resistance:</b>	IK08
<b>Category type:</b>	street lighting	<b>Ingress protection:</b>	IP66
<b>Light source:</b>	LED module	<b>Mounting version:</b>	Top, on pole / Side, on boom
<b>Rated power of the luminaire [W]:</b>	37	<b>Tilt angle adjustment [°]:</b>	-5 to +15 (peak); -15 to +5 (side)
<b>Supply voltage [V]:</b>	220 - 240	<b>Lateral surface (SCx) [m2]:</b>	0.018
<b>Frequency [Hz]:</b>	50 - 60	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Luminous flux [lm]:</b>	5600	<b>LED lifespan L90B10 [h]:</b>	34000
<b>Luminous efficacy [lm/W]:</b>	151	<b>Wire type:</b>	H07RN-F
<b>Energy efficiency class:</b>	C	<b>ULOR:</b>	0%
<b>Electrical protection class:</b>	I	<b>LED lifespan L70B50 [h]:</b>	120000
<b>Colour temperature [K]:</b>	5700	<b>LED lifespan L80B10 [h]:</b>	75000
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Control:</b>	ON/OFF
<b>SDCM:</b>	5	<b>Cable length [m]:</b>	0.70
<b>Power factor:</b>	0.96	<b>Net weight [kg]:</b>	2.950
<b>Surge protection [kV]:</b>	10	<b>Warranty [years]:</b>	5
<b>Diffuser type:</b>	matrix led	<b>CE certificate:</b>	<a href="#">467/2023</a>
<b>Optics material:</b>	PC	<b>ENEC Certificate:</b>	<a href="#">0323/ENEC/23</a>
<b>Optics:</b>	AR1	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Material of the body:</b>	powder coated aluminium	<b>Environmental Product Declaration (EPD):</b>	816/2025
<b>Colour of the body:</b>	grey	<b>Category of application:</b>	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: 12 September 2023

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: 467/2023