

# ASTRA LED ALU 7300LM 857 AR1 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (53W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	580239
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	53
<b>Luminous flux [lm]*:</b>	7300
<b>Colour temperature [K]:</b>	5700
<b>Colour rendering index:</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>	580239	<b>Colour of the body:</b>	grey
<b>EAN:</b>	5905963580239	<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113
<b>ETIM class:</b>	EC000062	<b>Mounting dimensions [mm]:</b>	ø60
<b>Category type:</b>	street lighting	<b>Impact resistance:</b>	IK08
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP66
<b>Rated power of the luminaire [W]:</b>	53	<b>Mounting version:</b>	Top, on pole / Side, on boom
<b>Supply voltage [V]:</b>	220 - 240	<b>Tilt angle adjustment [°]:</b>	-5 to +15 (peak); -15 to +5 (side)
<b>Frequency [Hz]:</b>	50 - 60	<b>Lateral surface (SCx) [m2]:</b>	0.018
<b>Luminous flux [lm]:</b>	7300	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Luminous efficacy [lm/W]:</b>	138	<b>LED lifespan L90B10 [h]:</b>	34000
<b>Energy efficiency class:</b>	C	<b>Wire type:</b>	H07RN-F
<b>Electrical protection class:</b>	I	<b>ULOR:</b>	0%
<b>Colour temperature [K]:</b>	5700	<b>LED lifespan L70B50 [h]:</b>	120000
<b>Colour rendering index:</b>	> 80	<b>LED lifespan L80B20 [h]:</b>	75000
<b>SDCM:</b>	≤ 5	<b>Control:</b>	ON/OFF
<b>Power factor:</b>	0.97	<b>Cable length [m]:</b>	0.70
<b>Surge protection [kV]:</b>	10	<b>Net weight [kg]:</b>	2.950
<b>Diffuser type:</b>	matrix led	<b>Warranty [years]:</b>	5
<b>Optics material:</b>	PC	<b>CE certificate:</b>	<a href="#">467/2023</a>
<b>Optics:</b>	AR1	<b>ENEC Certificate:</b>	<a href="#">0323/ENEC/23</a>
<b>Material of the body:</b>	powder coated aluminium	<b>Manual:</b>	<a href="#">Download PDF</a>

## LIGHT CURVES



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DETAILED CARD

## 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: 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