

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	580611
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	103
<b>Luminous flux [lm]*:</b>	12800
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	> 80
<b>Electrical protection class:</b>	II
<b>Optics:</b>	AR2
<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>	580611	<b>Material of the body:</b>	powder coated aluminium
<b>Rated power of the luminaire [W]:</b>	103	<b>Colour of the body:</b>	grey
<b>EAN:</b>	5905963580611	<b>Mounting dimensions [mm]:</b>	ø60
<b>Luminous flux [lm]:</b>	12800	<b>Impact resistance:</b>	IK08
<b>ETIM class:</b>	EC000062	<b>Ingress protection:</b>	IP66
<b>Category type:</b>	street lighting	<b>Mounting version:</b>	Top, on pole / Side, on boom
<b>Light source:</b>	LED module	<b>Tilt angle adjustment [°]:</b>	-5 to +15 (peak); -15 to +5 (side)
<b>Colour temperature [K]:</b>	4000	<b>Lateral surface (SCx) [m2]:</b>	0.018
<b>Supply voltage [V]:</b>	220 - 240	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Electrical protection class:</b>	II	<b>LED lifespan L90B10 [h]:</b>	35000
<b>Frequency [Hz]:</b>	50 - 60	<b>Wire type:</b>	H07RN-F
<b>Optics:</b>	AR2	<b>ULOR:</b>	0%
<b>Luminous efficacy [lm/W]:</b>	124	<b>LED lifespan L70B50 [h]:</b>	112000
<b>Energy efficiency class:</b>	D	<b>LED lifespan L80B20 [h]:</b>	71000
<b>Colour rendering index:</b>	> 80	<b>Control:</b>	ON/OFF
<b>SDCM:</b>	≤ 5	<b>Cable length [m]:</b>	0.70
<b>Power factor:</b>	0.98	<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="#">0324/ENEC/23</a>
<b>Dimensions (H/W/T/S) [mm]:</b>	640/233/113	<b>Manual:</b>	<a href="#">Download PDF</a>

## LIGHT CURVES



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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: 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