

# ASTRA LED ALU 12200LM 830 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	580635
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK08
<b>Rated power of the luminaire [W]*:</b>	103
<b>Luminous flux [lm]*:</b>	12200
<b>Colour temperature [K]:</b>	3000
<b>Colour rendering index:</b>	> 80
<b>Electrical protection class:</b>	I
<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

Index:	580635	Material of the body:	powder coated aluminium
Rated power of the luminaire [W]:	103	Colour of the body:	grey
EAN:	5905963580635	Mounting dimensions [mm]:	ø60
Luminous flux [lm]:	12200	Impact resistance:	IK08
ETIM class:	EC000062	Ingress protection:	IP66
Category type:	street lighting	Mounting version:	Top, on pole / Side, on boom
Light source:	LED module	Tilt angle adjustment [°]:	-5 to +15 (peak); -15 to +5 (side)
Colour temperature [K]:	3000	Lateral surface (SCx) [m2]:	0.018
Supply voltage [V]:	220 - 240	Working temperature [°C]:	from -20 to +35
Electrical protection class:	I	LED lifespan L90B10 [h]:	35000
Frequency [Hz]:	50 - 60	Wire type:	H07RN-F
Optics:	AR2	ULOR:	0%
Luminous efficacy [lm/W]:	118	LED lifespan L70B50 [h]:	112000
Energy efficiency class:	D	LED lifespan L80B20 [h]:	71000
Colour rendering index:	> 80	Control:	ON/OFF
SDCM:	≤ 5	Cable length [m]:	0.70
Power factor:	0.98	Net weight [kg]:	2.950
Surge protection [kV]:	10	Warranty [years]:	5
Diffuser type:	matrix led	CE certificate:	<a href="#">467/2023</a>
Optics material:	PC	ENEC Certificate:	<a href="#">0323/ENEC/23</a>
Dimensions (H/W/T/S) [mm]:	640/233/113	Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES



# ASTRA LED ALU 12200LM 830 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

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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