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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	580604
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	103
Luminous flux [lm]*:	12200
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
Electrical protection class:	II
Optics:	AR2
Colour of the body:	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.

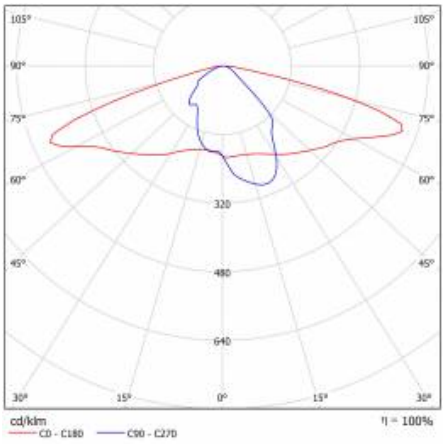
ASTRA LED ALU 12200LM 830 AR2 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	580604	**Dimensions (H/W/T/S) [mm]:**	640/233/113
EAN:	5905963580604	**Mounting dimensions [mm]:**	ø60
ETIM class:	EC000062	**Impact resistance:**	IK08
Category type:	street lighting	**Ingress protection:**	IP66
Light source:	LED module	**Mounting version:**	Top, on pole / Side, on boom
Rated power of the luminaire [W]:	103	**Tilt angle adjustment [°]:**	-5 to +15 (peak); -15 to +5 (side)
Supply voltage [V]:	220 - 240	**Lateral surface (SCx) [m2]:**	0.018
Frequency [Hz]:	50 - 60	**Working temperature [°C]:**	from -20 to +35
Luminous flux [lm]:	12200	**LED lifespan L90B10 [h]:**	35000
Luminous efficacy [lm/W]:	118	**Wire type:**	H07RN-F
Energy efficiency class:	D	**ULOR:**	0%
Electrical protection class:	II	**LED lifespan L70B50 [h]:**	112000
Colour temperature [K]:	3000	**LED lifespan L80B10 [h]:**	71000
Color rendering index (Ra) >:	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:**	467/2023
Optics material:	PC	**ENEC Certificate:**	0324/ENEC/23
Optics:	AR2	**Manual:**	Download PDF
Material of the body:	powder coated aluminium	**Environmental Product Declaration (EPD):**	816/2025
Colour of the body:	grey	**Category of application:**	Street lighting

LIGHT CURVES

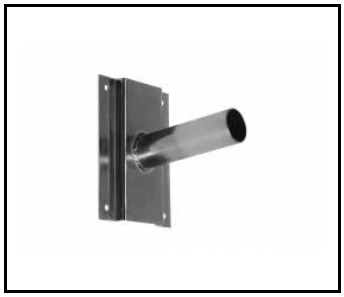


ASTRA LED ALU 12200LM 830 AR2 IP66 II CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 467/2023

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl