

ASTRA LED ALU 12800LM 857 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	580659
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	103
Luminous flux [lm]*:	12800
Colour temperature [K]:	5700
Colour rendering index:	> 80
Electrical protection class:	I
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.

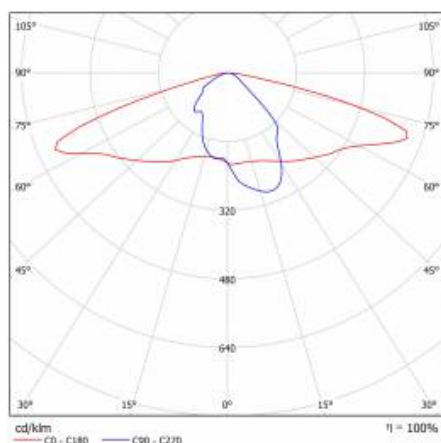
ASTRA LED ALU 12800LM 857 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	580659	Material of the body:	powder coated aluminium
Rated power of the luminaire [W]:	103	Colour of the body:	grey
EAN:	5905963580659	Mounting dimensions [mm]:	ø60
Luminous flux [lm]:	12800	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]:	5700	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]:	124	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:	467/2023
Optics material:	PC	ENEC Certificate:	0323/ENEC/23
Dimensions (H/W/T/S) [mm]:	640/233/113	Manual:	Download PDF

LIGHT CURVES



ASTRA LED ALU 12800LM 857 AR2 IP66 I CL. WIRE 0,7M WTYK/GN SP10KV (103W)

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