

# LYRA+ SR/100

Part number 3116038



## Description

LED street luminaire, comprising:

- Die-cast aluminium housing and cover, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Die-cast aluminium pole clamp with polyester powder coat finish ISO 9227/19244 - ISO 9233 (C5) , for Ø 60 mm poles
- High-transparency polycarbonate optics
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Extra clear, toughened, flat glass diffuser
- Stainless steel fasteners for glass
- Built-in driver
- Supplementary device for protection against network surges of up to 10 kV (DM) included
- Stainless steel locking hardware
- Complete with 1 m factory pre-wired cable H07RN-F 2x1,5 mm<sup>2</sup>
- Pole clamp for Ø 76 mm poles is available as accessory
- UNI 10819 light pollution standards compliant (0% ULOR rating)
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

## Product data

ETIM Group:	EG000027	ETIM Class:	EC000062
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	3560	Luminaire lumen output [lm]:	2560
Luminaire wattage [W]:	20 W	Luminous efficacy [lm/W]:	128
CRI:	70	Colour temperature [K]:	3000
Colour / Finishing:	AN-g6 / Anthracite gray / Textured	IP degree of protection:	IP66
IK-J-xxIP:	IK06 1J xx3	Protection class:	II
Optic:	Street	Net weight [kg]:	4.4
Overall length [mm]:	180	Overall width [mm]:	370
Overall height [mm]:	220		

## Mechanical features

Shape:	RECTANGULAR	Housing material:	Aluminium
Diffuser material:	GLASS	Frontal exposed area [m <sup>2</sup> ]:	0.02
Lateral exposed area [m <sup>2</sup> ]:	0.04	Top exposed area [m <sup>2</sup> ]:	0.07

## Electrical features

Voltage type:	AC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	50/60	Power factor / COS Φ:	0.99
Surge protection   Common [kV]:	10.0	Surge protection   Differential [kV]:	6.0
Inrush current [A/μs]:	40 / 300	C10 1.5 mm <sup>2</sup> :	16
C16 2.5 mm <sup>2</sup> :	26	B10 1.5 mm <sup>2</sup> :	8
B16 2.5 mm <sup>2</sup> :	14		

## Installation

Application area:	Outdoor	Mounting type:	Street lighting
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	55
Min. distance from lighted object [m]:	0.50		

## Light features

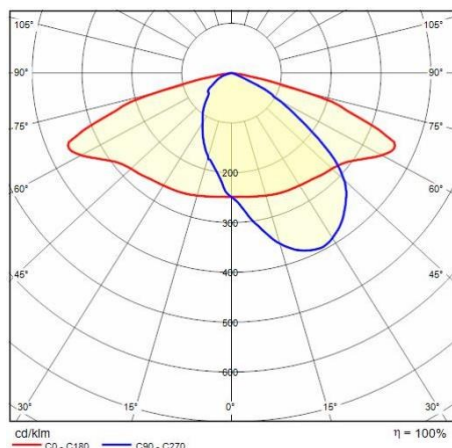
MacAdam:	3	Lumen maintenance:	L80B10@230000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G4
Zero light pollution (ULR = 0%):		IPEA* (road lighting):	A5+
IPEA* (large areas, roundabouts):	A5+	IPEA* (cycle-pedestrian):	A4+
IPEA* (green areas):	A4+	IPEA* (historic city centers):	A8+

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## Photometric data



## Optional accessories

### LYRA+



#### 3117338

Painted die-cast aluminium pole-mounting joint for pole Ø 76 mm

■ AN-g6 / Anthracite gray



#### 1407796

Hot-dipped galvanized wall angled steel bracket, cataphoresis and polyester powder

■ AN-g6 / Anthracite gray