STRADO LED XS BASIC 6025LM 740 RM3HE IP66 IK10 II CL. 2DIM (37W)

DETAILED CARD

TECHNICAL PARAMETERS

Index:	841200
Ingress protection:	IP66
Impact resistance:	IK10
Rated power of the luminaire [W]*:	37
Luminous flux [lm]*:	6025
Colour temperature [K]:	4000
Color rendering index (Ra) >:	70
Electrical protection class:	II
Optics:	RM3HE
Control:	5-stage power reduction

CHARACTERISTICS

Strado LED XS BASIC is a new family of LED road luminaires. It uses directional multi-lens matrices made of PMMA, each lens having the same optics, ensuring consistent light characteristics over time. Components from reputable manufacturers and state-of-the-art LED panels contribute to the very high luminous efficacy achieved at the luminaire output, reaching 172 lm/W. The upper part of the body has a separate electrical cavity, which allows for effective cooling of all power supply components, regardless of the light module. The lower surface of the luminaire is finished entirely with tempered glass, which ensures high aesthetic value. The luminaire has a cable with a quick connector, which allows for quick, convenient and reliable installation without opening the luminaire. Using standard tools, it is possible to service the luminaire, allowing any component to be replaced. The body and bracket are made of die-cast aluminium, powder-coated in grey, and feature a very high IP66 rating and IK09 or IK10 impact resistance. Standard equipment: on/off power supply without power reduction function, available functions for maintaining a constant luminous flux during CLO and autonomous 5-step power reduction; protection against accidental overheating of the NTC luminaire; filter to prevent water vapour condensation; cable with quick connector. Additional options in the standard version: NEMA and ZHAGA connectors on the top of the luminaire; compatibility with control systems; additional SP10kV protection outside the power supply; painting in any colour from the RAL palette. Certificates: CE, ENEC.

APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate objects such as: highways, expressways, national, provincial, county, municipal, city, neighborhood, area lighting. Optics are also available to illuminate: pedestrian crossings, sidewalks and bicycle paths.
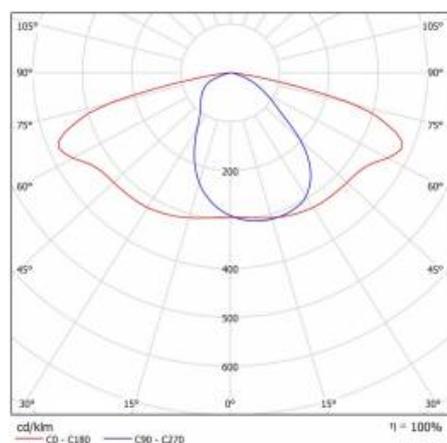
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TECHNICAL PARAMETERS TABLE

Index:	841200	Dimensions (H/W/T/S) [mm]:	449/185/85
EAN:	5905963841200	Mounting dimensions [mm]:	ø48-60
Category type:	street lighting	Impact resistance:	IK10
Category of application:	Street lighting	Ingress protection:	IP66
Product line:	BASIC	Mounting version:	Top, on pole / Side, on boom
Version:	XS	Tilt angle adjustment [°]:	-20 to +20
Light source:	LED module	Lateral surface (SCx) [m2]:	0.018
Rated power of the luminaire [W]:	37	Working temperature [°C]:	from -40 to +50
Supply voltage [V]:	220 - 240	LED lifespan L95B10 [h]:	100000
Frequency [Hz]:	50 - 60	DIMM DALI:	yes
Luminous flux [lm]:	6025	DIMM 1-10V:	yes
Luminous efficacy [lm/W]:	163	Control:	5-stage power reduction
Energy efficiency class:	B	Protection type:	NTC
Electrical protection class:	II	Net weight [kg]:	3.500
Colour temperature [K]:	4000	Wire type:	HO7 RNF-2x1
Color rendering index (Ra) >:	70	Cable length [m]:	0.50
SDCM:	5	Number on the palette [pcs]:	50
Power factor:	0.98	ULOR:	0%
Surge protection [kV]:	2	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	tempered glass	Technical Warranty:	5 with the possibility of extension to 10
Diffuser type:	transparent	ENEC Certificate:	0390/ENEC/24; 0133/ENEC+/24
Optics material:	PMMA	CE certificate:	09/2026
Optics:	RM3HE	Zhaga-D4i:	ZG436418112024
Material of the body:	powder coated aluminium	Environmental Product Declaration (EPD):	682/2024
Colour of the body:	grey	Manual:	Download PDF

LIGHT CURVES

STRADO LED XS BASIC 6025LM 740 RM3HE IP66 IK10 II CL. 2DIM (37W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
314049	wall holder (galvanized)
314056	wall holder (grey)
842160	Backshield T (back) Strado LED XS RAL9006
842177	Backshield P (right) Strado LED XS RAL9006
842184	Backshield L (left) Strado LED XS RAL9006

wall holder (galvanized) (314049)

wall holder (grey) (314056)

Certificate CE - Nr: 09/2026

LENA LIGHTING

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