LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
SLS1-16S-10 / 12-12
REV. 2026-11-12



SOLAR STREET LIGHTS · SOLAR PATHWAY LIGHTS

Solar Pathway Light 10W · 1500 lm

Compact solar luminaires for footpaths, cycle lanes, campuses and perimeter lighting.

POWER **10 W**	LUMINOUS FLUX **1500 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **12 Wp mono**
BATTERY **3.2 V DC**	INGRESS **IP65**	IMPACT **IK08**	COLOUR TEMP. **6500 K**

Applications Parks & pathways · Off-grid & remote sites

Product summary

Product Code	SLS1-16S-10 / 12-12	**Luminaire Power**	10 W
Luminous Flux	1500 lm	**Solar Panel Power**	12 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	2 A MPPT	**Standards Compliance**	EN 60598-2-3

Production can be tailored to special demands.

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Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	12 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	3.2 V DC, 12 Ah, 38.4 Wh
Charge Controller	2 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	3.2 V DC, 12 Ah, 38.4 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	ABS
IP Rating	IP65
IK Rating	IK08
RAL Code	7016
Console Entry	60 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	210 × 450 × 90 mm
Luminaire Weight	1.6 kg
Packing Dimensions & Weight	215 × 455 × 95 mm / 1.7 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	10 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	1500 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	PMMA optic
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ Remote control | ✓ Step Dim | ✓ RAL Code | ✓ Autonomous Time

✓ Colour Temperature: 3000 K / 4000 K / 5000 K / 5700 K | ✓ CRI: > 80 | ✓ Remote Control: Wi-Fi

Standards & certifications

TSE | CE | EAC | ENEC | EMC | IP65 | IK08 | Class III

Standards compliance: EN 60598-2-3

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/solar-pathway/all-in-one-solar-road-and-pathway-luminaire-10w-1500-lm/**