LuxLuminaire
Lighting solutions

A MIR GROUP COMPANY

PRODUCT DATASHEETS

Product catalogue

Solar and LED outdoor lighting, designed and manufactured in Türkiye.

Rev. 2026-11-12 · solarstreetlighting.net

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- Arta Road & Street Luminaires

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Dream Park & Garden Luminaire

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LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
LS1-72S-20 / 40-12
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 20W · 3300 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **20W**	LUMINOUS FLUX **3300 lm**	EFFICACY **165 lm/W**	SOLAR PANEL **40 Wp mono**
BATTERY **12 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS1-72S-20 / 40-12	**Luminaire Power**	20W
Luminous Flux	3300 lm	**Solar Panel Power**	40 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	40 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	12 Ah, 153.6 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	370 × 720 × 80 mm
Luminaire Weight	7.0 kg
Packing Dimensions & Weight	400 × 730 × 90 mm / 7.5 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	20 W
Efficacy (lm/W)	165 lm/W
Luminous Flux	3300 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-20w-3300-lm/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
LS1-72S-40 / 60-24
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 40W · 6000 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **40W**	LUMINOUS FLUX **6000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **60 Wp mono**
BATTERY **24 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS1-72S-40 / 60-24	**Luminaire Power**	40W
Luminous Flux	6000 lm	**Solar Panel Power**	60 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

LuxLuminaire · Mir Group · info01@mirgrp.com · solarstreetlighting.net
Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	60 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	24 Ah, 307.2 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	370 × 950 × 80 mm
Luminaire Weight	10.0 kg
Packing Dimensions & Weight	400 × 960 × 90 mm / 10.5 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	6000 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-40w-6000-lm/**

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PRODUCT DATASHEET
LS-MZ-108S-40 / 60-24
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 40W · 7200 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **40 W**	LUMINOUS FLUX **7200 lm**	EFFICACY **180 lm/W**	SOLAR PANEL **60 Wp mono**
BATTERY **24 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS-MZ-108S-40 / 60-24	**Luminaire Power**	40 W
Luminous Flux	7200 lm	**Solar Panel Power**	60 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

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Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	60 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	24 Ah, 307.2 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	350 × 900 × 90 mm
Luminaire Weight	13.0 kg
Packing Dimensions & Weight	380 × 910 × 100 mm / 14.5 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	180 lm/W
Luminous Flux	7200 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-40w-7200-lm/**

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PRODUCT DATASHEET
LS-MZ-144S-2X30 / 80-36
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 2×30W · 10800 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **2 × 30 W**	LUMINOUS FLUX **2 × 5400 lm / Total 10800 lm**	EFFICACY **180 lm/W**	SOLAR PANEL **80 Wp mono**
BATTERY **36 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS-MZ-144S-2×30 / 80-36	**Luminaire Power**	2 × 30 W
Luminous Flux	2 × 5400 lm / Total 10800 lm	**LED Brands**	3030 SMD LED
Driver	ENEC-certified LED drivers	**Charge Controller**	10 A MPPT
Standards Compliance	EN 60598-2-3, LM-80, TM-21		

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	80 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	36 Ah, 460.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	350 × 1220 × 100 mm
Luminaire Weight	23.0 kg
Packing Dimensions & Weight	360 × 1230 × 110 mm / 24.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	2 × 30 W
Efficacy (lm/W)	180 lm/W
Luminous Flux	10800 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-2×30w-10800-lm/**

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PRODUCT DATASHEET
LS-MZ-144S-60 / 125-48
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 60W · 10800 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **60 W**	LUMINOUS FLUX **10800 lm**	EFFICACY **180 lm/W**	SOLAR PANEL **125 Wp mono**
BATTERY **48 Ah**	INGRESS **IP66**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS-MZ-144S-60 / 125-48	**Luminaire Power**	60 W
Luminous Flux	10800 lm	**Solar Panel**	125 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	125 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	48 Ah, 614.4 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP66
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	350 × 1220 × 100 mm
Luminaire Weight	15.5 kg
Packing Dimensions & Weight	360 × 1230 × 110 mm / 17.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	60 W
Efficacy (lm/W)	180 lm/W
Luminous Flux	10800 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

✓ 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 | IP66 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-60w-10800-lm/**

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PRODUCT DATASHEET
LS-MZ-144S-60 / 80-36
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 60W · 10800 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **60 W**	LUMINOUS FLUX **10800 lm**	EFFICACY **180 lm/W**	SOLAR PANEL **80 Wp mono**
BATTERY **36 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS-MZ-144S-60 / 80-36	**Luminaire Power**	60 W
Luminous Flux	10800 lm	**Solar Panel Power**	80 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

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Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	80 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	36 Ah, 460.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	350 × 1220 × 100 mm
Luminaire Weight	23.0 kg
Packing Dimensions & Weight	360 × 1230 × 110 mm / 24.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	60 W
Efficacy (lm/W)	180 lm/W
Luminous Flux	10800 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-60w-10800-lm-ls-mz-144s-60-80-36/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
LS1-108S-60 / 80-36
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 60W · 9000 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **60W**	LUMINOUS FLUX **9000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **80 Wp mono**
BATTERY **36 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS1-108S-60 / 80-36	**Luminaire Power**	60W
Luminous Flux	9000 lm	**Solar Panel Power**	80 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	80 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	36 Ah, 460.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	370 × 1270 × 80 mm
Luminaire Weight	17.0 kg
Packing Dimensions & Weight	400 × 1280 × 90 mm / 17.5 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	60 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	9000 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-60w-9000-lm/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
LS4-216S-80 / 150-48
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 80W · 12000 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **80 W**	LUMINOUS FLUX **12000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **150 Wp mono**
BATTERY **48 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS4-216S-80 / 150-48	**Luminaire Power**	80 W
Luminous Flux	12000 lm	**Solar Panel Power**	150 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

LuxLuminaire · Mir Group · info01@mirgrp.com · solarstreetlighting.net
Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	150 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	48 Ah, 614.4 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	530 × 1480 × 65 mm
Luminaire Weight	19.0 kg
Packing Dimensions & Weight	540 × 1160 × 80 mm / 19.5 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	80 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	12000 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-80w-12000-lm/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
LS3-48P-80 / 205-96
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 80W · 13600 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **80 W**	LUMINOUS FLUX **13600 lm**	EFFICACY **170 lm/W**	SOLAR PANEL **205 Wp mono**
BATTERY **96 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS3-48P-80 / 205-96	**Luminaire Power**	80 W
Luminous Flux	13600 lm	**Solar Panel Power**	205 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

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Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	205 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	96 Ah, 1228.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	9016
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	676 × 1490 × 135 mm
Luminaire Weight	30.0 kg
Packing Dimensions & Weight	690 × 1500 × 140 mm / 32.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	80 W
Efficacy (lm/W)	170 lm/W
Luminous Flux	13600 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-80w-13600-lm/**

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PRODUCT DATASHEET
LS-MZ-216S-80 / 100-48
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 80W · 14400 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **80 W**	LUMINOUS FLUX **14400 lm**	EFFICACY **180 lm/W**	SOLAR PANEL **100 Wp mono**
BATTERY **48 Ah**	INGRESS **IP66**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS-MZ-216S-80 / 100-48	**Luminaire Power**	80 W
Luminous Flux	14400 lm	**Solar Panel Power**	100 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

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Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	100 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	48 Ah, 614.4 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP66
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	365 × 1500 × 100 mm
Luminaire Weight	26.0 kg
Packing Dimensions & Weight	375 × 1550 × 110 mm / 28.5 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	80 W
Efficacy (lm/W)	180 lm/W
Luminous Flux	14400 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

✓ 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 | IP66 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-80w-14400-lm/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
LS-MZ-288S-100 / 150-72
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-ONE SOLAR STREET LIGHTS

All-in-One Solar Street Light 100W · 18000 lm

Panel, battery, controller and LED engine in one housing. Mount it on a pole and it works the same day.

POWER **100 W**	LUMINOUS FLUX **18000 lm**	EFFICACY **180 lm/W**	SOLAR PANEL **150 Wp mono**
BATTERY **72 Ah**	INGRESS **IP66**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Rural & village roads · Parks & pathways · Off-grid & remote sites

Product summary

Product Code	LS-MZ-288S-100 / 150-72	**Luminaire Power**	100 W
Luminous Flux	18000 lm	**Solar Panel Power**	150 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	150 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	72 Ah, 921.6 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP66
IK Rating	IK09
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	515 × 1500 × 100 mm
Luminaire Weight	36.0 kg
Packing Dimensions & Weight	525 × 1550 × 150 mm / 38.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	100 W
Efficacy (lm/W)	180 lm/W
Luminous Flux	18000 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

✓ 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 | IP66 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-one/all-in-one-solar-road-and-street-luminaire-100w-18000-lm/**

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PRODUCT DATASHEET
LS-LPM-72S-20 / 100-24
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 20W · 2800 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **20 W**	LUMINOUS FLUX **2800 lm**	EFFICACY **140 lm/W**	SOLAR PANEL **100 Wp mono**
BATTERY **24 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-LPM-72S-20 / 100-24	**Luminaire Power**	20 W
Luminous Flux	2800 lm	**Solar Panel**	100 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	100 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	24 Ah, 307.2 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	800 × 680 × 150 mm / 210 × 345 × 70 mm
Luminaire Weight	13.5 kg
Console Length	700 mm
Packing Dimensions & Weight	820 × 700 × 160 mm / 15.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	20 W
Efficacy (lm/W)	140 lm/W
Luminous Flux	2800 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass (Luminaire Front face)
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-one-two-solar-road-and-street-luminaire-20w-2800-lm/**

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PRODUCT DATASHEET
LS-ALM-72S-40 / 100-36
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 40W · 6000 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **40 W**	LUMINOUS FLUX **6000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **100 Wp mono**
BATTERY **36 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-ALM-72S-40 / 100-36	**Luminaire Power**	40 W
Luminous Flux	6000 lm	**Solar Panel Power**	100 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	100 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	36 Ah, 460.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	60 × 10 mm
Luminaire Weight	28.0 kg
Console Length	700 mm
Pole Dimensions	4mt./ 80 × 120 mm, Rectangle Aluminium Pole
Packing Dimensions & Weight	4000 × 120 × 160 mm / 30.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	6000 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

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-with-4-mt-aluminum-pole-40w-6000-lm/**

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PRODUCT DATASHEET
LS-LPM-96S-40 / 100-36
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 40W · 6000 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **40 W**	LUMINOUS FLUX **6000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **100 Wp mono**
BATTERY **36 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-LPM-96S-40 / 100-36	**Luminaire Power**	40 W
Luminous Flux	6000 lm	**Solar Panel Power**	100 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	100 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	36 Ah, 460.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	210 × 345 × 70 mm
Luminaire Weight	13.5 kg
Console Length	700 mm
Packing Dimensions & Weight	820 × 700 × 150 mm / 15.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	6000 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass (Front face)
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-one-two-solar-road-and-street-luminaire-40w-6000-lm/**

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PRODUCT DATASHEET
LS-LPM-96S-40 / 150-48
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 40W · 5600 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **40 W**	LUMINOUS FLUX **5600 lm**	EFFICACY **140 lm/W**	SOLAR PANEL **150 Wp mono**
BATTERY **48 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-LPM-96S-40 / 150-48	**Luminaire Power**	40 W
Luminous Flux	5600 lm	**Solar Panel Power**	150 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

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Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	150 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	48 Ah, 614.4 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	48 mm Max.
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	680 × 1140 × 90 mm / 210 × 345 × 70 mm
Luminaire Weight	19.0 kg
Packing Dimensions & Weight	690 × 1150 × 100 mm / 19.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	140 lm/W
Luminous Flux	5600 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-40w-5600-lm/**

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PRODUCT DATASHEET
LS-M1-96S-40 / 150-48
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 40W · 6400 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **40 W**	LUMINOUS FLUX **6400 lm**	EFFICACY **160 lm/W**	SOLAR PANEL **150 Wp mono**
BATTERY **48 Ah**	INGRESS **IP66**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-M1-96S-40 / 150-48	**Luminaire Power**	40 W
Luminous Flux	6400 lm	**Solar Panel Power**	150 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

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Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	150 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	48 Ah, 614.4 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP66
IK Rating	IK09
RAL Code	9006
Console Entry	48 mm Max.
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	1140 × 680 × 130 mm / 285 × 660 × 165 mm
Luminaire Weight	24.0 kg
Packing Dimensions & Weight	1150 × 690 × 150 mm / 26.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	160 lm/W
Luminous Flux	6400 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IP66 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-40w-6400-lm/**

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PRODUCT DATASHEET
LS-M1-144S-60 / 205-72
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 60W · 8400 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **60 W**	LUMINOUS FLUX **8400 lm**	EFFICACY **140 lm/W**	SOLAR PANEL **205 Wp mono**
BATTERY **72 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-M1-144S-60 / 205-72	**Luminaire Power**	60 W
Luminous Flux	8400 lm	**Solar Panel Power**	205 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	205 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	72 Ah, 921.6 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	60 mm Max.
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	1490 × 680 × 120 mm / 285 × 660 × 165 mm
Luminaire Weight	30.0 kg
Packing Dimensions & Weight	1500 × 690 × 150 mm / 30.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	60 W
Efficacy (lm/W)	140 lm/W
Luminous Flux	8400 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-60w-8400-lm/**

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A MIR GROUP COMPANY

PRODUCT DATASHEET
LS-M-144S-80 / 205-96
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 80W · 11200 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **80 W**	LUMINOUS FLUX **11200 lm**	EFFICACY **140 lm/W**	SOLAR PANEL **205 Wp mono**
BATTERY **96 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-M-144S-80 / 205-96	**Luminaire Power**	80 W
Luminous Flux	11200 lm	**Solar Panel Power**	205 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

LuxLuminaire · Mir Group · info01@mirgrp.com · solarstreetlighting.net
Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	205 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	96 Ah, 1228.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	60 mm Max.
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	1490 × 680 × 130 mm / 285 × 660 × 165 mm
Luminaire Weight	33.0 kg
Packing Dimensions & Weight	1500 × 690 × 150 mm / 35.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	80 W
Efficacy (lm/W)	140 lm/W
Luminous Flux	11200 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-80w-11200-lm/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
LS-M-144S-100 / 340-96
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 100W · 16000 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **100 W**	LUMINOUS FLUX **16000 lm**	EFFICACY **140 lm/W**	SOLAR PANEL **340 Wp mono**
BATTERY **48 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-M-144S-100 / 340-96	**Luminaire Power**	100 W
Luminous Flux	16000 lm	**Solar Panel Power**	340 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

LuxLuminaire · Mir Group · info01@mirgrp.com · solarstreetlighting.net
Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	340 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	25.6 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	48 Ah, 1228.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	60 mm Max.
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	1670 × 1000 × 135 mm / 285 × 660 × 165 mm
Luminaire Weight	40.0 kg
Packing Dimensions & Weight	1680 × 1010 × 150 mm / 42.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	80 W
Efficacy (lm/W)	140 lm/W
Luminous Flux	11200 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-100w-16000-lm/**

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PRODUCT DATASHEET
LS-M-144S-150 / 340-120
REV. 2026-11-12



SOLAR STREET LIGHTS · ALL-IN-TWO SOLAR STREET LIGHTS

All-in-Two Solar Street Light 2×75W · 24000 lm

Separate panel and luminaire for higher outputs and better panel orientation at high latitudes.

POWER **2 × 75 W**	LUMINOUS FLUX **2 × 12000 lm / Total 24000 lm**	EFFICACY **160 lm/W**	SOLAR PANEL **340 Wp mono**
BATTERY **60 Ah**	INGRESS **IP65**	IMPACT **IK09**	COLOUR TEMP. **6500 K**

Applications Roads & highways · Rural & village roads · Off-grid & remote sites

Product summary

Product Code	LS-M-144S-150 / 340-120	**Luminaire Power**	2 × 75 W
Luminous Flux	2 × 12000 lm / Total 24000 lm	**Solar Panel Power**	340 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3, LM-80, TM-21

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	340 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	25.6 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	60 Ah, 1536.0 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK09
RAL Code	7016
Console Entry	60 mm Max.
Operating Temperature	-30°C / +50°C
Energy and Luminaire Dimensions	1670 × 1000 × 135 mm / 285 × 660 × 165 mm
Luminaire Weight	44.0 kg
Packing Dimensions & Weight	1680 × 1010 × 150 mm / 46.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	2 × 75W
Efficacy (lm/W)	160 lm/W
Luminous Flux	2 × 12000 lm, / Total 24000 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Light Distribution	Asymmetric
Diffuser	4 mm Tempered glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ 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 | IK09 | Class III

Standards compliance: EN 60598-2-3, LM-80, TM-21

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/all-in-two/all-in-two-solar-road-and-street-luminaire-2×75w-24000-lm/**

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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.

LuxLuminaire · Mir Group · info01@mirgrp.com · solarstreetlighting.net
Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

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/**

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PRODUCT DATASHEET
SLS2-32S-15 / 22-24
REV. 2026-11-12



SOLAR STREET LIGHTS · SOLAR PATHWAY LIGHTS

Solar Pathway Light 15W · 2250 lm

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

POWER **15 W**	LUMINOUS FLUX **2250 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **22 Wp mono**
BATTERY **24 V DC**	INGRESS **IP65**	IMPACT **IK08**	COLOUR TEMP. **6500 K**

Applications Parks & pathways · Off-grid & remote sites

Product summary

Product Code	SLS2-32S-15 / 22-24	**Luminaire Power**	15 W
Luminous Flux	2250 lm	**LED Brands**	3030 SMD LED
Driver	ENEC-certified LED drivers	**Charge Controller**	6 A MPPT
Standards Compliance	EN 60598-2-3		

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	22 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	6 V DC
Charge Controller	6 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	24 V DC, 12 Ah, 76.8 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	230 × 585 × 80 mm
Luminaire Weight	2.8 kg
Packing Dimensions & Weight	235 × 590 × 90 mm / 3.0 kg

ELECTRICAL SPECIFICATIONS

Luminaire Power	10 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	2250 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-pathway-luminaire-15w-2250-lm/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
LS2-144S-20 / 40-12
REV. 2026-11-12



SOLAR STREET LIGHTS · SOLAR PARK & GARDEN LIGHTS

Solar Park & Garden Light 20W · 3000 lm

Solar post-top luminaires for parks and gardens, with the panel integrated in the luminaire head.

POWER **20 W**	LUMINOUS FLUX **3000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **40 Wp mono**
BATTERY **12 Ah**	INGRESS **IP65**	IMPACT **IK08**	COLOUR TEMP. **6500 K**

Applications Parks & pathways

Product summary

Product Code	LS2-144S-20 / 40-12	**Luminaire Power**	20 W
Luminous Flux	3000 lm	**Solar Panel Power**	40 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3

Production can be tailored to special demands.

LuxLuminaire · Mir Group · info01@mirgrp.com · solarstreetlighting.net
Head office: Macun Mahallesi, Batı Bulvarı, ATB İş Merkezi No: 192, Yenimahalle, Ankara, Türkiye · +90 532 711 21 85
Uzbekistan Office: Sharof Rashidov Avenue, 72, 2, Yunusobod District, Tashkent 100128, Uzbekistan · +998 99 424 51 14

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	40 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	12 Ah, 153.6 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium
IP Rating	IP65
IK Rating	IK08
RAL Code	7016
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	600 × 600 × 575 mm
Luminaire Weight	5.0 kg
Packing Dimensions & Weight	610 × 610 × 590 mm / 5.5 kg
Top of The Pole Diameter	76 mm

ELECTRICAL SPECIFICATIONS

Luminaire Power	20 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	3000 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

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

OPTIONS

✓ Step Dim | ✓ RAL Code | ✓ Autonomous Time | ✓ Colour Temperature: 3000 K / 4000 K / 5000 K / 5700 K | ✓ Remote Control: Wi-Fi

Standards & certifications

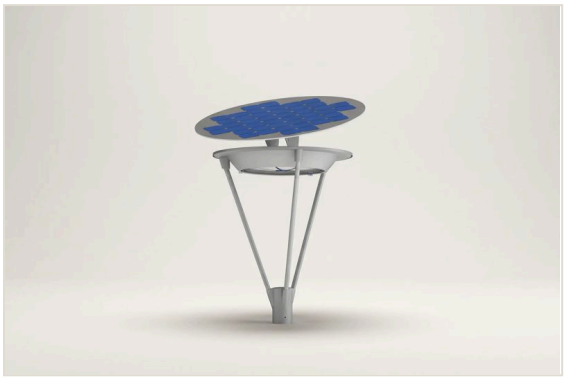
TSE | CE | EAC | ENEC | EMC | IP65 | IK08 | Class III

Standards compliance: EN 60598-2-3

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/solar-park-garden/all-in-one-solar-park-and-garden-luminaire-20w-3000-lm/**

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PRODUCT DATASHEET
LS2-RPS9-144S-40 / 75-36
REV. 2026-11-12



SOLAR STREET LIGHTS · SOLAR PARK & GARDEN LIGHTS

Solar Park & Garden Light 40W · 6000 lm

Solar post-top luminaires for parks and gardens, with the panel integrated in the luminaire head.

POWER **40 W**	LUMINOUS FLUX **6000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **75 Wp mono**
BATTERY **36 Ah**	INGRESS **IP65**	IMPACT **IK08**	COLOUR TEMP. **6500 K**

Applications Parks & pathways

Product summary

Product Code	LS2-RPS9-144S-40 / 75-36	**Luminaire Power**	40 W
Luminous Flux	6000 lm	**Solar Panel**	75 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	75 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	36 Ah, 460.8 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium and Steel
IP Rating	IP65
IK Rating	IK08
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	620 × 620 × 1190 mm
Luminaire Weight	7.0 kg
Packing Dimensions & Weight	630 × 630 × 1200 mm / 8.0 kg
Top of The Pole Diameter	76 mm

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	6000 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Diffuser	4 mm Tempered Glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ Step Dim | ✓ RAL Code | ✓ Autonomous Time | ✓ Colour Temperature: 3000 K / 4000 K / 5000 K / 5700 K | ✓ Remote Control: Wi-Fi

Standards & certifications

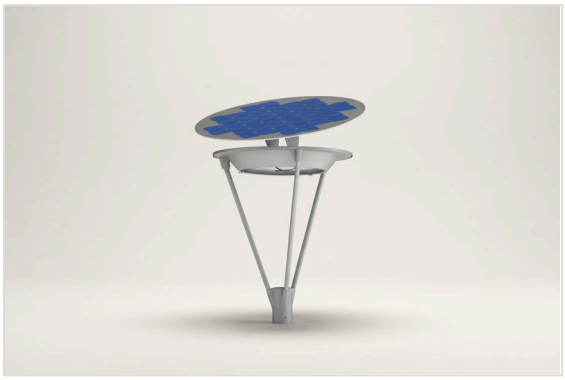
TSE | CE | EAC | ENEC | EMC | IP65 | IK08 | Class III

Standards compliance: EN 60598-2-3

Full product page and quotation request: **https://solarstreetlighting.net/en/products/solar-street-lights/solar-park-garden/all-in-one-solar-park-and-garden-luminaire-40w-6000-lm/**

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PRODUCT DATASHEET
LS-RPS9-144S-40 / 60-24
REV. 2026-11-12



SOLAR STREET LIGHTS · SOLAR PARK & GARDEN LIGHTS

Solar Park & Garden Light 40W · 6000 lm

Solar post-top luminaires for parks and gardens, with the panel integrated in the luminaire head.

POWER **40 W**	LUMINOUS FLUX **6000 lm**	EFFICACY **150 lm/W**	SOLAR PANEL **60 Wp mono**
BATTERY **24 Ah**	INGRESS **IP65**	IMPACT **IK08**	COLOUR TEMP. **6500 K**

Applications Parks & pathways

Product summary

Product Code	LS-RPS9-144S-40 / 60-24	**Luminaire Power**	40 W
Luminous Flux	6000 lm	**Solar Panel**	60 Wp monocrystalline PERC
LED Brands	3030 SMD LED	**Driver**	ENEC-certified LED drivers
Charge Controller	10 A MPPT	**Standards Compliance**	EN 60598-2-3

Production can be tailored to special demands.

Technical specifications

SOLAR ENERGY SYSTEM SPECIFICATIONS

Solar Panel Power	60 Wp monocrystalline PERC
Solar Panel Life Span	25 years
System Voltage	12.8 V DC
Charge Controller	10 A MPPT
Battery Type	32700 LiFePO4
Battery Capacity	24 Ah, 307.2 Wh
Battery Life Span	3000 cycles with 80% discharge

MECHANICAL & DIMENSIONS

Housing	Aluminium and Steel
IP Rating	IP65
IK Rating	IK08
RAL Code	9006
Console Entry	76 mm
Operating Temperature	-30°C / +50°C
Luminaire Dimensions	620 × 620 × 1190 mm
Luminaire Weight	7.0 kg
Packing Dimensions & Weight	630 × 630 × 1200 mm / 8.0 kg
Top of The Pole Diameter	76 mm

ELECTRICAL SPECIFICATIONS

Luminaire Power	40 W
Efficacy (lm/W)	150 lm/W
Luminous Flux	6000 lm
Light Source	3030 LED
Driver Type	ENEC-certified LED driver
Motion Sensor	Yes / Microwave
Class	III

OPTICAL SPECIFICATIONS

Diffuser	4 mm Tempered Glass
Colour Temperature (CCT)	6500 K
CRI	>70

OPTIONS

✓ Step Dim | ✓ RAL Code | ✓ Autonomous Time | ✓ Colour Temperature: 3000 K / 4000 K / 5000 K / 5700 K | ✓ 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-park-garden/all-in-one-solar-park-and-garden-luminaire-40w-6000-lm-ls-rps9-144s-40-60-24/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 1M

Modular LED road and park luminaire, from one to five LED modules.

POWER **30–50 W**	LUMINOUS FLUX **3300–6500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	

Applications Roads & highways · Parks & pathways

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	365 × 120 × 152 mm

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
BE1M.ST.00.030	30	3300	110
BE1M.ST.01.040	40	4400	110
BE1M.ST.02.050	50	5500	110
BE1M.ST.03.030	30	3600	120
BE1M.ST.04.040	40	4800	120
BE1M.ST.05.050	50	6000	120
BE1M.ST.06.030	30	3900	130
BE1M.ST.07.040	40	5200	130
BE1M.ST.08.050	50	6500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaires-bella-1m/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 1M.RS

Modular LED road and park luminaire, from one to five LED modules.

POWER **40–50 W**	LUMINOUS FLUX **4400–6500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	250 × 112 × 95 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
PARK.RS.01.040	40	4400	110
PARK.RS.02.040	50	5500	110
PARK.RS.03.040	40	4800	120
PARK.RS.04.040	50	6000	120
PARK.RS.05.040	40	5200	130
PARK.RS.06.040	50	6500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-park-luminaire-bella-1m-rs/**

LuxLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2M

Modular LED road and park luminaire, from one to five LED modules.

POWER **80 W**	LUMINOUS FLUX **8000–10400 lm**	EFFICACY **100–130 lm/W**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**
LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**		

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	455 × 112 × 95 mm

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
PARK.RD.00.080	80	8000	100
PARK.RD.01.080	80	8800	110
PARK.RD.02.080	80	9600	120
PARK.RD.03.080	80	10000	125
PARK.RD.04.080	80	10400	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-park-luminaires-bella-2m/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 1×2M

Modular LED road and park luminaire, from one to five LED modules.

POWER **80–100 W**	LUMINOUS FLUX **8800–13000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	455 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
B1X2M.ST.00.080	80	8800	110
B1X2M.ST.01.080	80	9600	120
B1X2M.ST.02.080	80	10400	130
B1X2M.ST.03.100	100	11000	110
B1X2M.ST.04.100	100	12000	120
B1X2M.ST.05.100	100	13000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaire-bella-1×2m/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2M

Modular LED road and park luminaire, from one to five LED modules.

POWER **80–100 W**	LUMINOUS FLUX **8800–13000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48 / 60 / 76

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	455 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
BE2M.ST.00.080	80	8800	110
BE2M.ST.01.100	100	11000	110
BE2M.ST.02.080	80	9600	120
BE2M.ST.03.100	100	12000	120
BE2M.ST.04.080	80	10400	130
BE2M.ST.05.100	100	13000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaires-bella-2m/**

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PRODUCT DATASHEET
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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2M.RS

Modular LED road and park luminaire, from one to five LED modules.

POWER **80–100 W**	LUMINOUS FLUX **8000–12000 lm**	EFFICACY **100–120 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–120 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	455 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
PARK.RS.01.080	80	8000	100
PARK.RS.02.080	80	8800	110
PARK.RS.03.080	80	9600	120
PARK.RS.04.100	100	10000	100
PARK.RS.05.100	100	11000	110
PARK.RS.06.100	100	12000	120

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaires-bella-2m-rs/**

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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 3M

Modular LED road and park luminaire, from one to five LED modules.

POWER **120–150 W**	LUMINOUS FLUX **13200–19500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48 / 60 / 76

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	535 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
BE3M.ST.00.120	120	13200	110
BE3M.ST.01.150	150	16500	110
BE3M.ST.02.120	120	14400	120
BE3M.ST.03.150	150	18000	120
BE3M.ST.04.120	120	15600	130
BE3M.ST.05.150	150	19500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaires-bella-3m/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2×2M

Modular LED road and park luminaire, from one to five LED modules.

POWER **160–200 W**	LUMINOUS FLUX **17600–26000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	455 × 240 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
B2X2M.ST.00.160	160	17600	110
B2X2M.ST.01.160	160	19200	120
B2X2M.ST.02.160	160	20800	130
B2X2M.ST.03.200	200	22000	110
B2X2M.ST.04.200	200	24000	120
B2X2M.ST.05.200	200	26000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaire-bella-2×2m/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 4M

Modular LED road and park luminaire, from one to five LED modules.

POWER **160–200 W**	LUMINOUS FLUX **17600–26000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48 / 60 / 76

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	620 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
BE4M.ST.00.160	160	17600	110
BE4M.ST.01.200	200	22000	110
BE4M.ST.02.160	160	19200	120
BE4M.ST.03.200	200	24000	120
BE4M.ST.04.160	160	20800	130
BE4M.ST.05.200	200	26000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaires-bella-4m/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 3×2M

Modular LED road and park luminaire, from one to five LED modules.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	485 × 240 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
B3X2M.ST.00.200	200	22000	110
B3X2M.ST.01.200	200	24000	120
B3X2M.ST.02.200	200	26000	130
B3X2M.ST.03.250	250	27500	110
B3X2M.ST.04.250	250	30000	120
B3X2M.ST.05.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaire-bella-3×2m/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 5M

Modular LED road and park luminaire, from one to five LED modules.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways · Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48 / 60 / 76

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	700 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
BE5M.ST.00.200	200	22000	110
BE5M.ST.01.250	250	27500	110
BE5M.ST.02.200	200	24000	120
BE5M.ST.03.250	250	30000	120
BE5M.ST.04.200	200	26000	130
BE5M.ST.05.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaires-bella-5m/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · RIO ROAD & STREET LUMINAIRES

Rio Road & Street Luminaires

Slim, compact side-entry LED luminaire for urban roads and residential streets.

POWER **70–150 W**	LUMINOUS FLUX **7700–19500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	545 × 265 × 85 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	4 mm Tempered Glass
Gasket	Silicone gasket
Console Entry	48 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
RIO.ST.00.070	70	7700	110
RIO.ST.01.100	100	11000	110
RIO.ST.02.120	120	13200	110
RIO.ST.03.150	150	16500	110
RIO.ST.04.070	70	8400	120
RIO.ST.05.100	100	12000	120
RIO.ST.06.120	120	14400	120
RIO.ST.07.150	150	18000	120
RIO.ST.08.070	70	9100	130
RIO.ST.09.100	100	13000	130
RIO.ST.10.120	120	15600	130
RIO.ST.11.150	150	19500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/rio/road-and-street-luminaires-rio/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · ARTA ROAD & STREET LUMINAIRES

Arta Road & Street Luminaires

LED road and street luminaire for urban roads, car parks and access roads.

POWER **70–150 W**	LUMINOUS FLUX **7700–19500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Roads & highways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-3; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)
Console Entry (mm)	48

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	545 × 265 × 85 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	4 mm Tempered Glass
Gasket	Silicone gasket
Console Entry	48 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
ARTA.ST.00.070	70	7700	110
ARTA.ST.01.100	100	11000	110
ARTA.ST.02.120	120	13200	110
ARTA.ST.03.150	150	16500	110
ARTA.ST.04.070	70	8400	120
ARTA.ST.05.100	100	12000	120
ARTA.ST.06.120	120	14400	120
ARTA.ST.07.150	150	18000	120
ARTA.ST.08.070	70	9100	130
ARTA.ST.09.100	100	13000	130
ARTA.ST.10.120	120	15600	130
ARTA.ST.11.150	150	19500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/arta/road-and-street-luminaires-arta/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×1

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **30–50 W**	LUMINOUS FLUX **3300–6500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	220 × 245 × 115 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1×1M.FL.00.030	30	3300	110
1×1M.FL.01.040	40	4400	110
1×1M.FL.02.050	50	5500	110
1×1M.FL.03.030	30	3600	120
1×1M.FL.04.040	40	4800	120
1×1M.FL.05.050	50	6000	120
1×1M.FL.06.030	30	3900	130
1×1M.FL.07.040	40	5200	130
1×1M.FL.08.050	50	6500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×1/**

LuxLuminaire Lighting solutions
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PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×2

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **80–100 W**	LUMINOUS FLUX **8800–13000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	220 × 245 × 115 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X2M.FL.00.080	80	8800	110
1X2M.FL.01.100	100	11000	110
1X2M.FL.02.080	80	9600	120
1X2M.FL.03.100	100	12000	120
1X2M.FL.04.080	80	10400	130
1X2M.FL.05.100	100	13000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×2/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×3

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **120–150 W**	LUMINOUS FLUX **13200–18000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	258 × 245 × 120 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

1X3M.FL.00.120	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X3M.FL.01.150	120	13200	110
1X3M.FL.02.120	150	16500	110
1X3M.FL.03.150	120	14400	120
1X3M.FL.04.120	150	18000	120
1X3M.FL.05.150	120	15600	130
1X3M.FL.00.120	150	19500	130

Standards & certifications

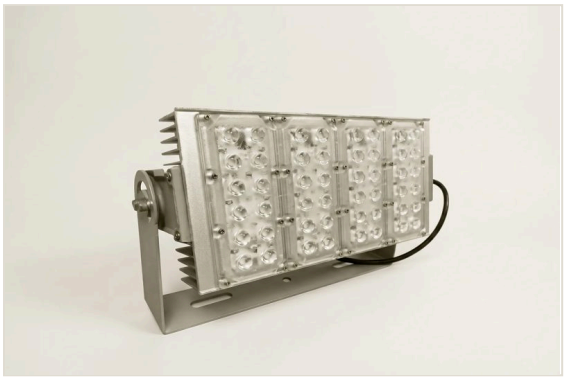
TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×3/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×4

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **160–200 W**	LUMINOUS FLUX **17600–26000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	332 × 245 × 120 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X4M.FL.00.160	160	17600	110
1X4M.FL.01.200	200	22000	110
1X4M.FL.02.160	160	19200	120
1X4M.FL.03.200	200	24000	120
1X4M.FL.04.160	160	20800	130
1X4M.FL.05.200	200	26000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×4/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×5

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **200–250 W**	LUMINOUS FLUX **20000–32500 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	405 × 245 × 120 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X5M.FL.00.200	200	20000	100
1X5M.FL.01.250	250	25000	100
1X5M.FL.02.200	200	22000	110
1X5M.FL.03.250	250	27500	110
1X5M.FL.04.200	200	24000	120
1X5M.FL.05.250	250	30000	120
1X5M.FL.06.200	200	26000	130
1X5M.FL.07.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×5/**

LuXLuminaire Lighting solutions
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×6

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **250–300 W**	LUMINOUS FLUX **25000–39000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	479 × 245 × 120 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X6M.FL.00.250	250	25000	100
1X6M.FL.01.300	300	30000	100
1X6M.FL.02.250	250	27500	110
1X6M.FL.03.300	300	33000	110
1X6M.FL.04.250	250	30000	120
1X6M.FL.05.300	300	36000	120
1X6M.FL.06.250	250	32500	130
1X6M.FL.07.300	300	39000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×6/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×8

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **350–400 W**	LUMINOUS FLUX **35000–52000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	627 × 245 × 120 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X8M.FL.00.350	350	35000	100
1X8M.FL.01.400	400	40000	100
1X8M.FL.02.350	350	38500	110
1X8M.FL.03.400	400	44000	110
1X8M.FL.04.350	350	42000	120
1X8M.FL.05.400	400	48000	120
1X8M.FL.06.350	350	45500	130
1X8M.FL.07.400	400	52000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-1×8/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 2×5

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **400–500 W**	LUMINOUS FLUX **40000–65000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	456 × 410 × 274 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X5M.FL.00.400	400	40000	100
2X5M.FL.01.500	500	50000	100
2X5M.FL.02.400	400	44000	110
2X5M.FL.03.500	500	55000	110
2X5M.FL.04.400	400	48000	120
2X5M.FL.05.500	500	60000	120
2X5M.FL.06.400	400	52000	130
2X5M.FL.07.500	500	65000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-2×5/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 2×6

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **500–600 W**	LUMINOUS FLUX **50000–72000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	530 × 410 × 274 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X6M.FL.00.500	500	50000	100
2X6M.FL.01.600	600	60000	100
2X6M.FL.02.500	500	55000	110
2X6M.FL.03.600	600	66000	110
2X6M.FL.04.500	500	60000	120
2X6M.FL.05.600	600	72000	120
2X6M.FL.06.500	500	65000	130

Standards & certifications

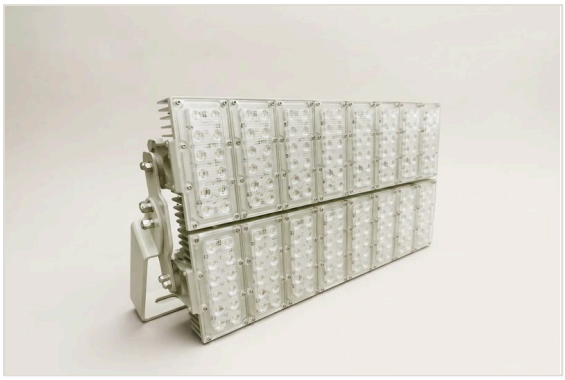
TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-2×6/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 2×8

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **700–800 W**	LUMINOUS FLUX **70000–104000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	678 × 410 × 274 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X6M.FL.00.500	700	70000	100
2X6M.FL.01.600	800	80000	100
2X6M.FL.02.500	700	77000	110
2X6M.FL.03.600	800	88000	110
2X6M.FL.04.500	700	84000	120
2X6M.FL.05.600	800	96000	120
2X6M.FL.06.500	700	91000	130
2X8M.FL.07.800	800	104000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-2×8/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 2×10

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **800–1000 W**	LUMINOUS FLUX **80000–130000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	826 × 415 × 275 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X10.FL.00.800	800	80000	100
2X10.FL.0.1000	1000	100000	100
2X10.FL.01.800	800	88000	110
2X10.FL.1.1000	1000	110000	110
2X10.FL.02.800	800	96000	120
2X10.FL.2.1000	1000	120000	120
2X10.FL.03.800	800	104000	130
2X10.FL.3.1000	1000	130000	130

Standards & certifications

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Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-2×10/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 3×8

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **1000–1200 W**	LUMINOUS FLUX **100000–156000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	678 × 595 × 275 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X8D.FL.0.1000	1000	100000	100
3X8D.FL.0.1200	1200	120000	100
3X8D.FL.1.1000	1000	110000	110
3X8D.FL.1.1200	1200	132000	110
3X8D.FL.2.1000	1000	120000	120
3X8D.FL.2.1200	1200	144000	120
3X8D.FL.3.1000	1000	130000	130
3X8D.FL.3.1200	1200	156000	130

Standards & certifications

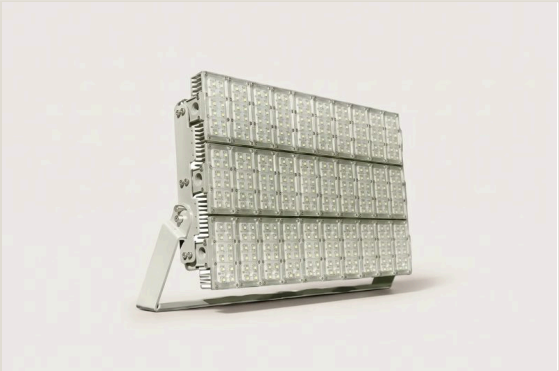
TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-3×8/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 3×10

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **1200–1500 W**	LUMINOUS FLUX **120000–195000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	826 × 595 × 275 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X10.FL.0.1200	1200	120000	100
3X10.FL.0.1500	1500	150000	100
3X10.FL.1.1200	1200	132000	110
3X10.FL.1.1500	1500	165000	110
3X10.FL.2.1200	1200	144000	120
3X10.FL.2.1500	1500	180000	120
3X10.FL.3.1200	1200	156000	130
3X10.FL.3.1500	1500	195000	130

Standards & certifications

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Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-3×10/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 3×11

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **1320–1650 W**	LUMINOUS FLUX **132000–214500 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	910 × 595 × 275 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X11.FL.0.1320	1320	132000	100
3X11.FL.0.1650	1650	165000	100
3X11.FL.1.1320	1320	145200	110
3X11.FL.1.1650	1650	181500	110
3X11.FL.2.1320	1320	158000	120
3X11.FL.2.1650	1650	198000	120
3X11.FL.3.1320	1320	171600	130
3X11.FL.3.1650	1650	214500	130

Standards & certifications

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Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-3×11/**

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 3×14

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **1700–1800 W**	LUMINOUS FLUX **170000–234000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	1160 × 595 × 275 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X14.FL.0.1700	1700	170000	100
3X14.FL.0.1800	1800	180000	100
3X14.FL.1.1700	1700	187000	110
3X14.FL.1.1800	1800	198000	110
3X14.FL.2.1700	1700	204000	120
3X14.FL.2.1800	1800	216000	120
3X14.FL.3.1700	1700	221000	130
3X14.FL.3.1800	1800	234000	130

Standards & certifications

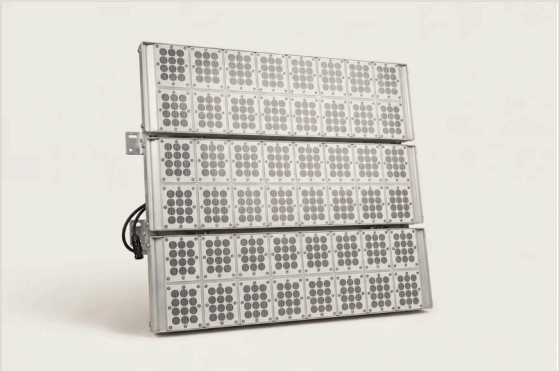
TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 3×16

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **1900–2000 W**	LUMINOUS FLUX **190000–260000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities · Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	1320 × 595 × 275 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X16.FL.0.1900	1900	190000	100
3X16.FL.0.2000	2000	200000	100
3X16.FL.1.1900	1900	209000	110
3X16.FL.1.2000	2000	220000	110
3X16.FL.2.1900	1900	228000	120
3X16.FL.2.2000	2000	240000	120
3X16.FL.3.1900	1900	247000	130
3X16.FL.3.2000	2000	260000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/dynamics/floodlights-dynamics-3×16/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · ELECTRON FLOODLIGHTS

Electron Floodlight 1×1

Electron floodlight in one, two and three module versions.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	700 × 189 × 130 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X1E.FL.00.200	200	22000	110
1X1E.FL.01.250	250	27500	110
1X1E.FL.02.200	200	24000	120
1X1E.FL.03.250	250	30000	120
1X1E.FL.04.200	200	26000	130
1X1E.FL.05.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron/floodlights-electron-1×1/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · ELECTRON FLOODLIGHTS

Electron Floodlight 2×1

Electron floodlight in one, two and three module versions.

POWER **400–500 W**	LUMINOUS FLUX **44000–65000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	700 × 380 × 130 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X1E.FL.00.400	400	44000	110
2X1E.FL.01.450	450	49500	110
2X1E.FL.02.500	500	55000	110
2X1E.FL.03.400	400	48000	120
2X1E.FL.04.450	450	54000	120
2X1E.FL.05.500	500	60000	120
2X1E.FL.06.400	400	52000	130
2X1E.FL.07.450	450	58500	130
2X1E.FL.08.500	500	65000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron/floodlights-electron-2×1/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · ELECTRON FLOODLIGHTS

Electron Floodlight 3×1

Electron floodlight in one, two and three module versions.

POWER **600–800 W**	LUMINOUS FLUX **66000–104000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	700 × 570 × 130 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X1E.FL.00.600	600	66000	110
3X1E.FL.01.800	800	88000	110
3X1E.FL.02.600	600	72000	120
3X1E.FL.03.800	800	96000	120
3X1E.FL.04.600	600	78000	130
3X1E.FL.05.800	800	104000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron/floodlights-electron-3×1/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 1×1

Electron floodlight with a visor for glare and spill control.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	600 × 220 × 150 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X1R.FL.00.200	200	22000	110
1X1R.FL.01.250	250	27500	110
1X1R.FL.02.200	200	24000	120
1X1R.FL.03.250	250	30000	120
1X1R.FL.04.200	200	26000	130
1X1R.FL.05.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron-hat/floodlights-with-hat-electron-1×1/**

LuxLuminaire Lighting solutions
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LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 2×1

Electron floodlight with a visor for glare and spill control.

POWER **500–550 W**	LUMINOUS FLUX **55000–71500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	600 × 295 × 200 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X1R.FL.00.500	500	55000	110
2X1R.FL.01.550	550	60500	110
2X1R.FL.02.500	500	60000	120
2X1R.FL.03.550	550	66000	120
2X1R.FL.04.500	500	65000	130
2X1R.FL.05.550	550	71500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron-hat/floodlights-with-hat-electron-2×1/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
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LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 3×1

Electron floodlight with a visor for glare and spill control.

POWER **600–700 W**	LUMINOUS FLUX **60000–91000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	550 × 440 × 200 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3X1R.FL.00.600	600	60000	100
3X1R.FL.01.700	700	70000	100
3X1R.FL.02.600	600	66000	110
3X1R.FL.03.700	700	77000	110
3X1R.FL.04.600	600	72000	120
3X1R.FL.05.700	700	84000	120
3X1R.FL.06.600	600	78000	130
3X1R.FL.07.700	700	91000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron-hat/floodlights-with-hat-electron-3×1/**

LuXLuminaire Lighting solutions
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LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 5×1

Electron floodlight with a visor for glare and spill control.

POWER **1200–1500 W**	LUMINOUS FLUX **120000–195000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	550 × 740 × 200 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
5X1R.FL.0.1200	1200	120000	100
5X1R.FL.1.1500	1500	150000	100
5X1R.FL.2.1200	1200	132000	110
5X1R.FL.3.1500	1500	165000	110
5X1R.FL.4.1200	1200	144000	120
5X1R.FL.5.1500	1500	180000	120
5X1R.FL.6.1200	1200	156000	130
5X1R.FL.7.1500	1500	195000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron-hat/floodlights-with-hat-electron-5×1/**

LuXLuminaire Lighting solutions
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LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 6×1

Electron floodlight with a visor for glare and spill control.

POWER **1500–1600 W**	LUMINOUS FLUX **165000–208000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	550 × 880 × 200 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
6X1R.FL.0.1500	1500	165000	110
6X1R.FL.1.1600	1600	176000	110
6X1R.FL.2.1500	1500	180000	120
6X1R.FL.3.1600	1600	192000	120
6X1R.FL.4.1500	1500	195000	130
6X1R.FL.5.1600	1600	208000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron-hat/floodlights-with-hat-electron-6×1/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
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LED FLOODLIGHTS · LUXPRO FLOODLIGHTS

Luxpro Floodlight 1

Compact Luxpro floodlights in five sizes for façades, yards and signage.

POWER **20–40 W**	LUMINOUS FLUX **2200–5200 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	182 × 230 × 43 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	4 mm Tempered Glass
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
LUX1.FL.00.020	20	2200	110
LUX1.FL.01.040	40	4400	110
LUX1.FL.02.020	20	2400	120
LUX1.FL.03.040	40	4800	120
LUX1.FL.04.020	20	2600	130
LUX1.FL.05.040	40	5200	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/luxpro/floodlights-luxpro-1/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · LUXPRO FLOODLIGHTS

Luxpro Floodlight 2

Compact Luxpro floodlights in five sizes for façades, yards and signage.

POWER **50–80 W**	LUMINOUS FLUX **5500–10400 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	282 × 230 × 43 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	4 mm Tempered Glass
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
LUX2.FL.00.050	50	5500	110
LUX2.FL.01.080	80	8800	110
LUX2.FL.02.050	50	6000	120
LUX2.FL.03.080	80	9600	120
LUX2.FL.04.050	50	6500	130
LUX2.FL.05.080	80	10400	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/luxpro/floodlights-luxpro-2/**

LuxLuminaire Lighting solutions
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LED FLOODLIGHTS · LUXPRO FLOODLIGHTS

Luxpro Floodlight 3

Compact Luxpro floodlights in five sizes for façades, yards and signage.

POWER **100 W**	LUMINOUS FLUX **10000–13000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included
Dimensions (a × b × c)	373 × 230 × 43 mm

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	4 mm Tempered Glass
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
LUX3.FL.00.100	100	10000	100
LUX3.FL.01.100	100	11000	110
LUX3.FL.02.100	100	12000	120
LUX3.FL.03.100	100	13000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/luxpro/floodlights-luxpro-3/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · LUXPRO FLOODLIGHTS

Luxpro Floodlight 4

Compact Luxpro floodlights in five sizes for façades, yards and signage.

POWER **120–200 W**	LUMINOUS FLUX **13200–26000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	373 × 292 × 43 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	4 mm Tempered Glass
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
LUX4.FL.00.120	120	13200	110
LUX4.FL.01.150	150	16500	110
LUX4.FL.02.180	180	19800	110
LUX4.FL.03.200	200	22000	110
LUX4.FL.04.120	120	14400	120
LUX4.FL.05.150	150	18000	120
LUX4.FL.06.180	180	21600	120
LUX4.FL.07.200	200	24000	120
LUX4.FL.08.120	120	15600	130
LUX4.FL.09.150	150	19500	130
LUX4.FL.10.180	180	23400	130
LUX4.FL.11.200	200	26000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/luxpro/floodlights-luxpro-4/**

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PRODUCT DATASHEET
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LED FLOODLIGHTS · LUXPRO FLOODLIGHTS

Luxpro Floodlight 5

Compact Luxpro floodlights in five sizes for façades, yards and signage.

POWER **250–350 W**	LUMINOUS FLUX **27500–45500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	433 × 460 × 50 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	4 mm Tempered Glass
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
LUM5.FL.00.250	250	27500	110
LUM5.FL.01.300	300	33000	110
LUM5.FL.02.350	350	38500	110
LUM5.FL.03.250	250	30000	120
LUM5.FL.04.300	300	36000	120
LUM5.FL.05.350	350	42000	120
LUM5.FL.06.250	250	32500	130
LUM5.FL.07.300	300	39000	130
LUM5.FL.08.350	350	45500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/luxpro/floodlights-luxpro-5/**

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PRODUCT DATASHEET
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LED FLOODLIGHTS · M-SERIES FLOODLIGHTS

M-Series Floodlight 1M

M-series modular floodlights with one to four LED modules.

POWER **30–50 W**	LUMINOUS FLUX **3300–6500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	130 × 300 × 150 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1MFL.FL.00.030	30	3300	110
1MFL.FL.01.040	40	4400	110
1MFL.FL.02.050	50	5500	110
1MFL.FL.03.030	30	3600	120
1MFL.FL.04.040	40	4800	120
1MFL.FL.05.050	50	6000	120
1MFL.FL.06.030	30	3900	130
1MFL.FL.07.040	40	5200	130
1MFL.FL.08.050	50	6500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/fl-m/floodlights-1m/**

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LED FLOODLIGHTS · M-SERIES FLOODLIGHTS

M-Series Floodlight 2M

M-series modular floodlights with one to four LED modules.

POWER **80–100 W**	LUMINOUS FLUX **8800–13000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	300 × 190 × 15 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2MFL.FL.00.080	80	8800	110
2MFL.FL.01.100	100	11000	110
2MFL.FL.02.080	80	9600	120
2MFL.FL.03.100	100	12000	120
2MFL.FL.04.080	80	10400	130
2MFL.FL.05.100	100	13000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/fl-m/floodlights-2m/**

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PRODUCT DATASHEET
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LED FLOODLIGHTS · M-SERIES FLOODLIGHTS

M-Series Floodlight 3M

M-series modular floodlights with one to four LED modules.

POWER **120–150 W**	LUMINOUS FLUX **13200–19500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	300 × 260 × 15 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
3MFL.FL.00.120	120	13200	110
3MFL.FL.01.150	150	16500	110
3MFL.FL.02.120	120	14400	120
3MFL.FL.03.150	150	18000	120
3MFL.FL.04.120	120	15600	130
3MFL.FL.05.150	150	19500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/fl-m/floodlights-3m/**

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PRODUCT DATASHEET
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LED FLOODLIGHTS · M-SERIES FLOODLIGHTS

M-Series Floodlight 4M

M-series modular floodlights with one to four LED modules.

POWER **160–200 W**	LUMINOUS FLUX **17600–26000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	375 × 260 × 15 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
4MFL.FL.00.160	160	17600	110
4MFL.FL.01.200	200	22000	110
4MFL.FL.02.160	160	19200	120
4MFL.FL.03.200	200	24000	120
4MFL.FL.04.160	160	20800	130
4MFL.FL.05.200	200	26000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/fl-m/floodlights-4m/**

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PRODUCT DATASHEET
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LED FLOODLIGHTS · TENNIS COURT FLOODLIGHTS

Tennis Court Floodlights

Floodlight for tennis and multi-sport courts.

POWER **200–300 W**	LUMINOUS FLUX **22000–39000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	600 × 450 × 350 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
TENN.FL.00.200	200	22000	110
TENN.FL.01.300	300	33000	110
TENN.FL.02.200	200	24000	120
TENN.FL.03.300	300	36000	120
TENN.FL.04.200	200	26000	130
TENN.FL.05.300	300	39000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/tennis/floodlights-tennis/**

LuxLuminaire Lighting solutions
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LED FLOODLIGHTS · PORTABLE SMART FLOODLIGHTS

Portable Smart Floodlights

Portable smart floodlight for temporary and mobile lighting.

POWER **150–250 W**	LUMINOUS FLUX **16500–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Off-grid & remote sites

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	350 × 400 × 200 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens With Steel Cover
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
PORT.FL.00.150	150	16500	110
PORT.FL.01.200	200	22000	110
PORT.FL.02.250	250	27500	110
PORT.FL.03.150	150	18000	120
PORT.FL.04.200	200	24000	120
PORT.FL.05.250	250	30000	120
PORT.FL.06.150	150	19500	130
PORT.FL.07.200	200	26000	130
PORT.FL.08.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/portable/floodlights-portable-smart/**

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INDUSTRIAL LIGHTING · ELECTRON HIGHBAY LUMINAIRES

Electron Highbay Luminaire 1×2M

Electron highbay luminaires for warehouses, factories and logistics halls.

POWER **80–100 W**	LUMINOUS FLUX **8800–26000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	600 × 150 × 115 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X2M.HB.00.080	80	8800	110
1X2M.HB.01.100	100	11000	110
1X2M.HB.02.080	80	9600	120
1X2M.HB.03.100	100	12000	120
1X2M.HB.04.080	80	26000	130
1X2M.HB.05.100	100	10400	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/industrial/highbay/highbay-luminaires-electron-1×2m/**

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INDUSTRIAL LIGHTING · ELECTRON HIGHBAY LUMINAIRES

Electron Highbay Luminaire 1×1

Electron highbay luminaires for warehouses, factories and logistics halls.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	700 × 189 × 130 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1X1E.HB.00.200	200	22000	110
1X1E.HB.01.250	250	27500	110
1X1E.HB.02.200	200	24000	120
1X1E.HB.03.250	250	30000	120
1X1E.HB.04.200	200	26000	130
1X1E.HB.05.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/industrial/highbay/highbay-luminaires-electron-1×1/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



INDUSTRIAL LIGHTING · ELECTRON HIGHBAY LUMINAIRES

Electron Highbay Luminaire 2×4

Electron highbay luminaires for warehouses, factories and logistics halls.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	550 × 400 × 135 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X4H.HB.00.200	200	22000	110
2X4H.HB.01.250	250	27500	110
2X4H.HB.02.200	200	24000	120
2X4H.HB.03.250	250	30000	120
2X4H.HB.04.200	200	26000	130
2X4H.HB.05.250	250	32500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/industrial/highbay/highbay-luminaires-electron-2×4/**

LuxLuminaire Lighting solutions
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PRODUCT DATASHEET
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INDUSTRIAL LIGHTING · ELECTRON HIGHBAY LUMINAIRES

Electron Highbay Luminaire 2×1

Electron highbay luminaires for warehouses, factories and logistics halls.

POWER **400–500 W**	LUMINOUS FLUX **44000–65000 lm**	EFFICACY **110–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	700 × 380 × 130 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
2X1E.HB.00.400	400	44000	110
2X1E.HB.01.450	450	49500	110
2X1E.HB.02.500	500	55000	110
2X1E.HB.03.400	400	48000	120
2X1E.HB.04.450	450	54000	120
2X1E.HB.05.500	500	60000	120
2X1E.HB.06.400	400	52000	130
2X1E.HB.07.450	450	58500	130
2X1E.HB.08.500	500	65000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/industrial/highbay/highbay-luminaires-electron-2×1/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



INDUSTRIAL LIGHTING · ELECTRON WALLWASHER

Electron Wallwasher

Linear wallwasher for façades and architectural surfaces.

POWER **40–100 W**	LUMINOUS FLUX **4400–12000 lm**	EFFICACY **110–120 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	110–120 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	350 × 150 × 112 / 600 × 150 × 112 / 1-2 Module

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
1×1M.WL.00.040	40	4400	110
1×1M.WL.01.050	50	5500	110
1×1M.WL.02.040	40	4800	120
1×1M.WL.03.050	50	6000	120
1×2M.WL.04.080	80	8800	110
1×2M.WL.05.100	100	11000	110
1×2M.WL.06.080	80	9600	120
1×2M.WL.07.100	100	12000	120

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/industrial/wallwasher/wallwasher-electron-1×2m/**

LuxLuminaire Lighting solutions
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PRODUCT DATASHEET
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PARK & GARDEN LUMINAIRES · MOON PARK & GARDEN LUMINAIRE

Moon Park & Garden Luminaire

Decorative post-top luminaire for parks, squares and residential streets.

POWER **25–75 W**	LUMINOUS FLUX **3000–9000 lm**	EFFICACY **120 lm/W**	INGRESS **IP65**
IMPACT **IK08**	COLOUR TEMP. **4000 K / 3000–6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I**

Applications Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	120 lm/W	**Coating Colour**	RAL Code 9005, 9006, 7043 (Optional)
Electrical Protection Class	Class I	**Standards Compliance**	LM-80, EN 62262, EN 60529

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70
Colour Temperature CCT	4000 K / 3000–6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Optional
Driver	Philips ENEC-certified LED driver

MECHANICAL AND DIMENSION PROPERTIES

Luminaire LED Module Housing	Aluminium
Light Diffuser	PMMA Lens
Gasket	Silicone gasket
Paint RAL Code	RAL Code 9005, 9006, 7043 (Optional)
IP Rating	IP65
IK Rating Body	IK08

Variants

Code	Power (W)	Luminous Flux (Total lm)	Efficacy (lm/W)
1X1M.PG.00.075	25 + 50 (Two arms)	3000 + 6000	120
1X1M.PG.01.075	75	9000	120
1X1M.PG.02.125	50 + 75 (Two arms)	6000 + 9000	120
1X1M.PG.03.150	75 + 75 (Two arms)	9000 + 9000	120
Code	Pole Dimensions (mm)	Pole Material	Pole Section
1X1M.PG.00.075	4500 × 300 × 350 Two arms	Metal and Aluminium Available	Rectangle Sections
1X1M.PG.01.075	6000 × 300 × 350 One arm	Metal and Aluminium Available	Rectangle Sections
1X1M.PG.02.125	6000 × 300 × 350 Two arms	Metal and Aluminium Available	Rectangle Sections
1X1M.PG.03.150	6000 × 300 × 350 Two arms	Metal and Aluminium Available	Rectangle Sections

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP65 · IK08 · Class I

Standards compliance: LM-80, EN 62262, EN 60529

Full product page and quotation request: **https://solarstreetlighting.net/en/products/park-garden/moon/park-and-garden-luminaire-moon/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



PARK & GARDEN LUMINAIRES · DREAM PARK & GARDEN LUMINAIRE

Dream Park & Garden Luminaire

Decorative post-top luminaire for parks, campuses and pedestrian areas.

POWER **30–60 W**	LUMINOUS FLUX **2700–5400 lm**	EFFICACY **90 lm/W**	INGRESS **IP54**
IMPACT **IK08**	COLOUR TEMP. **4000 K / 3000–6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I**

Applications Parks & pathways

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	90 lm/W	**Coating Colour**	RAL Code 9005, 9006, 7043 (Optional)
Electrical Protection Class	Class I	**Standards Compliance**	LM-80, EN 62262, EN 60529

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70
Colour Temperature CCT	4000 K / 3000–6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Asymmetric / Symmetric (Optional)

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Optional
Driver	Philips ENEC-certified LED driver

MECHANICAL AND DIMENSION PROPERTIES

Luminaire Module Housing	Aluminium
Light Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Paint RAL Code	RAL Code 9005, 9006, 7043 (Optional)
IP Rating	IP54
IK Rating Body	IK08

Variants

Code	Power (W)	Luminous Flux (Total lm)	Efficacy (lm/W)
SMRT.PG.0030	30	2700	90
SMRT.PG.0060	60	5400	90
Code	Pole Dimensions (mm)	Pole Material	Pole Section
SMRT.PG.0030	3500×650×200	Metal and Aluminium Available	Round Type
SMRT.PG.0060	3500×650×200	Metal and Aluminium Available	Round Type

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP54 · IK08 · Class I

Standards compliance: LM-80, EN 62262, EN 60529

Full product page and quotation request: **https://solarstreetlighting.net/en/products/park-garden/dream/park-and-garden-luminaire-dream/**