



SYS ENERGIES

l'énergie digitale & solaire



Gestionnaire d'énergie

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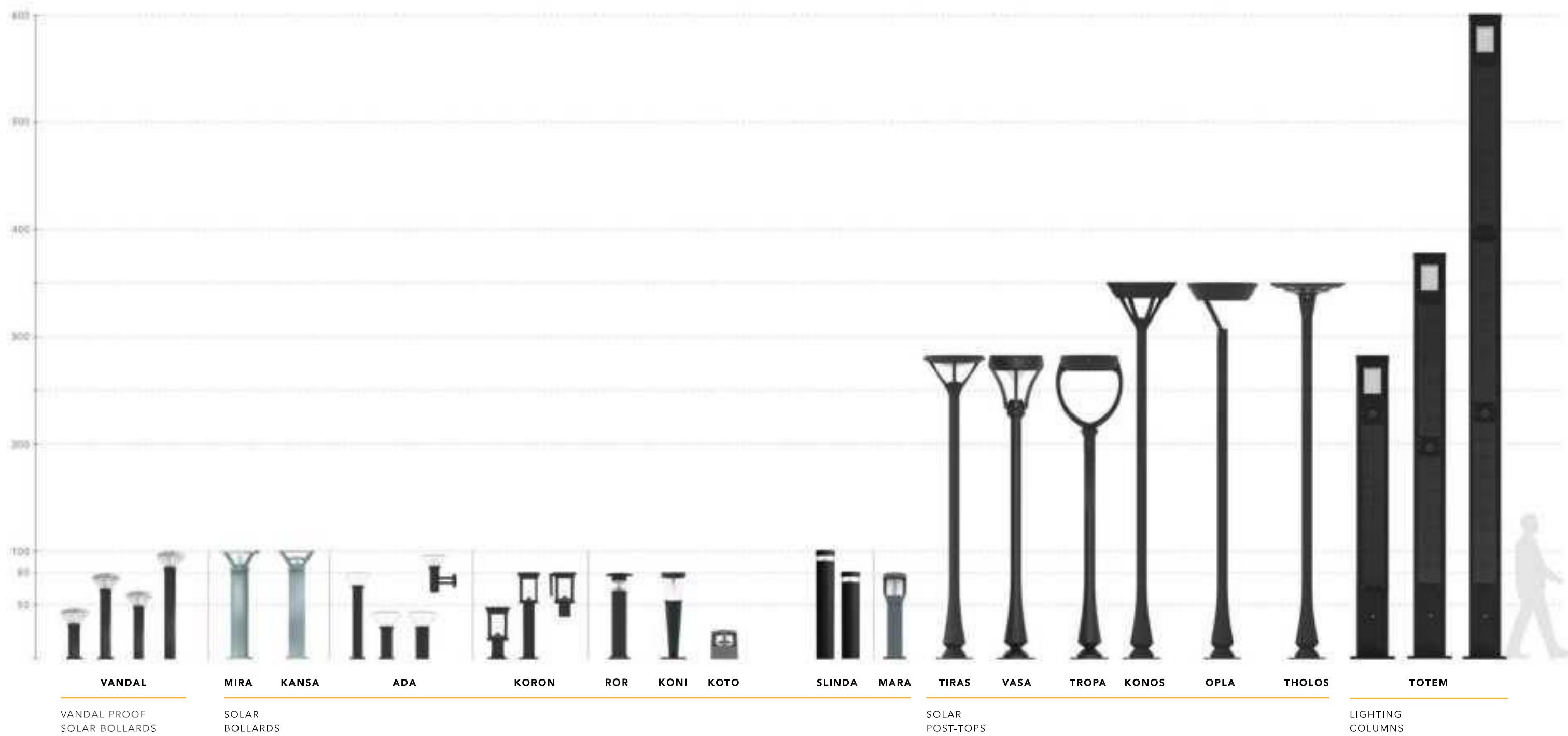


CATALOGUE ECLAIRAGE SOLAIRE

URBAN LIGHTING

A SOLUTION FOR EVERY PROJECT !

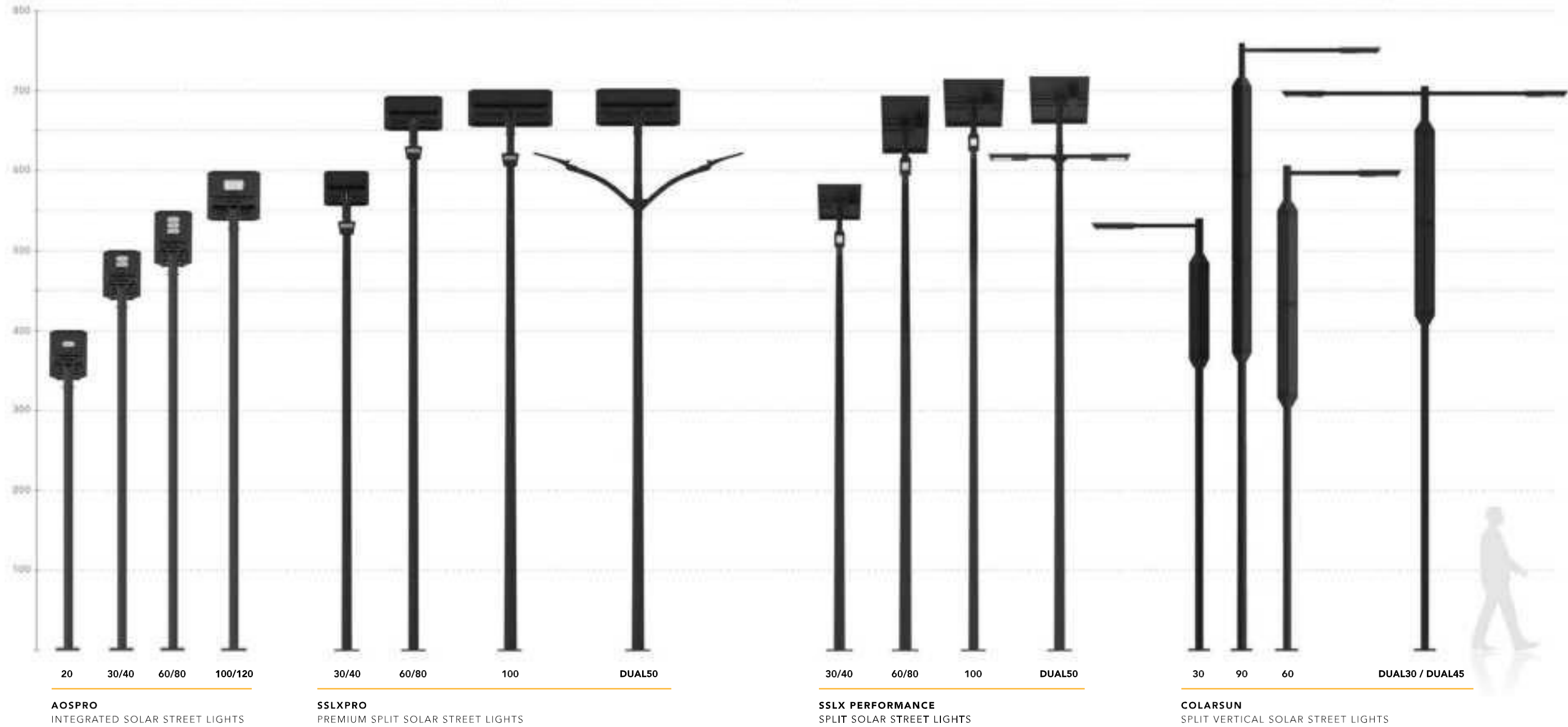
SOLUX's exclusive range brings you the finest urban solar lighting solutions. **Sustainable and green, our line provides wide panel of exclusive self-sufficient lightings truly unmatched on the solar lighting market.**



STREET & AREA LIGHTING

A SOLUTION FOR EVERY PROJECT !

SOLUX's Street & Area lighting range brings you the most performing solar street lighting solutions in the market. **Sustainable & green, easy to install and extremely reliable for your projects.**





+
**NO TRENCHING,
NO WIRING AND
NO CONNECTION
TO THE POWER GRID**

SOLAR LIGHTING A COST-EFFECTIVE & SUSTAINABLE SOLUTION

The rapid technological evolution, paired with rising environmental awareness, has propelled the widespread adoption of solar lighting. It's emerging as not just a viable, **but soon-to-be essential alternative.**

A REDUCED ENVIRONMENTAL IMPACT IN A GREEN APPROACH

Our luminaires operate autonomously, not requiring conventional electricity and free from polluting energy sources. They are meticulously designed to conform to progressive environmental standards and aspirations **without compromising on performance.**

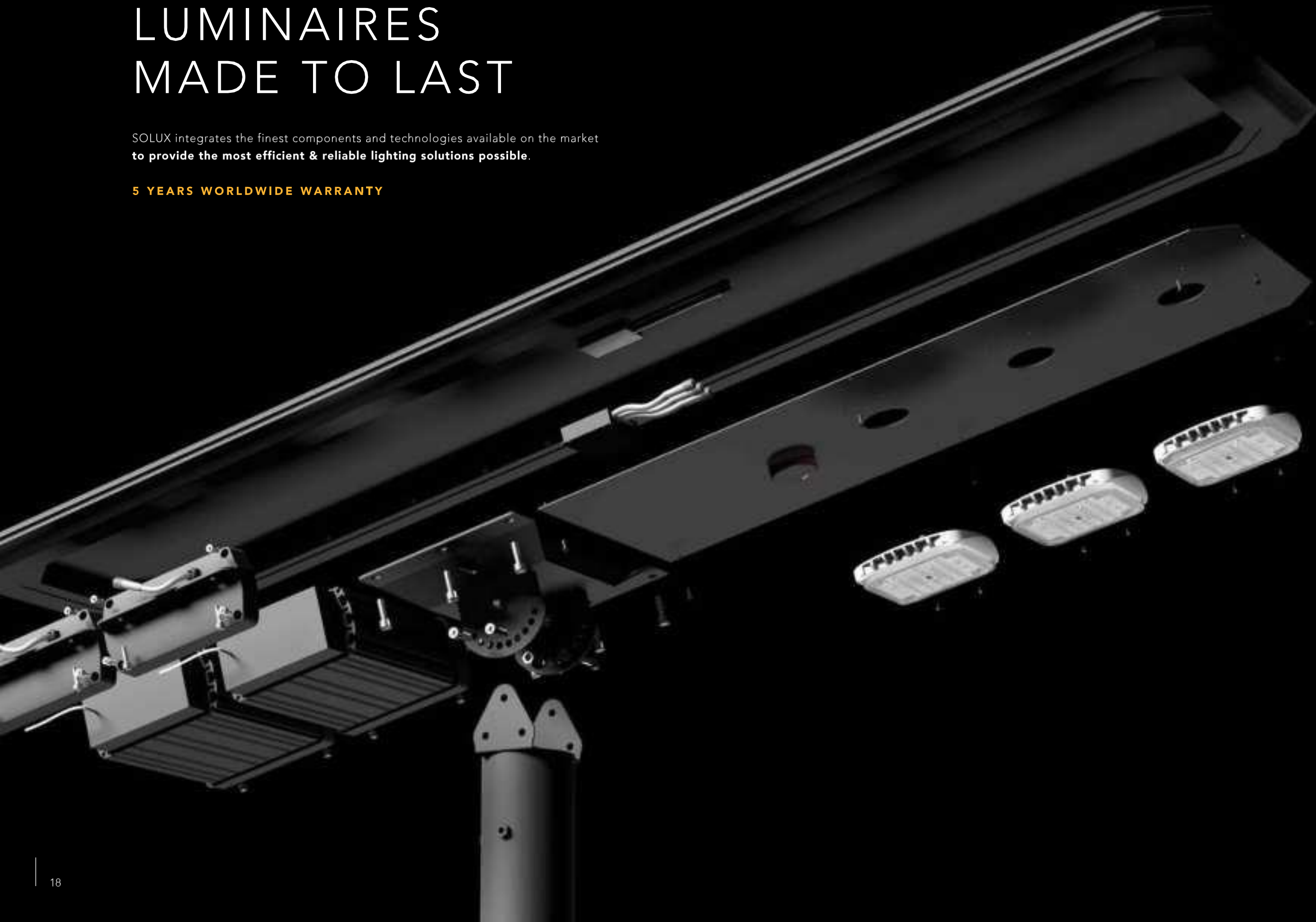
A POWERFUL & EXTREMELY RELIABLE SOLUTION

Eliminate the hassles of lengthy and expensive trenching or grid connections during installation. With **reduced maintenance** and the **elimination of electricity bills, solar lighting emerges as an exceptionally cost-effective solution.** SOLUX's dedication to excellence, combined with ongoing enhancements and the durability of our components, underscores solar lighting as the compelling choice for an optimal lighting solution in all aspects.

LUMINAIRES MADE TO LAST

SOLUX integrates the finest components and technologies available on the market
to provide the most efficient & reliable lighting solutions possible.

5 YEARS WORLDWIDE WARRANTY



TECHNOLOGY & COMPONENTS

SOLUX luminaires meet the highest requirements of outdoor lighting while being energy self-sufficient.

EXCELLENCE AT EVERY LEVEL

Our philosophy and dedication to quality drive us to use only the **latest-generation components, techniques, and technologies**. Our standards guarantee the longevity of our products for many years.

LED

BATTERY

CHARGE CONTROLLER

SOLAR PANELS

METALS AND FINISH

MOVEMENT SENSOR

DIAGNOSIS & REMOTE CONTROL

SMART CITY REMOTE
MONITORING SOLUX BRIDGE



LED TECHNOLOGY



One of the standout features of our LED modules is their exceptional luminosity, delivering an unparalleled output of **over 196 Lumens per Watt**. We relentlessly pursue the longevity of our modules, ensuring they achieve the utmost lifespan possible. To guarantee superior quality, all our luminaires are equipped with **PHILIPS LED Chips**, celebrated worldwide for their stellar performance and durability. These chips not only impress with their performance but also boast a **remarkable lifespan of over 80,000 hours**.

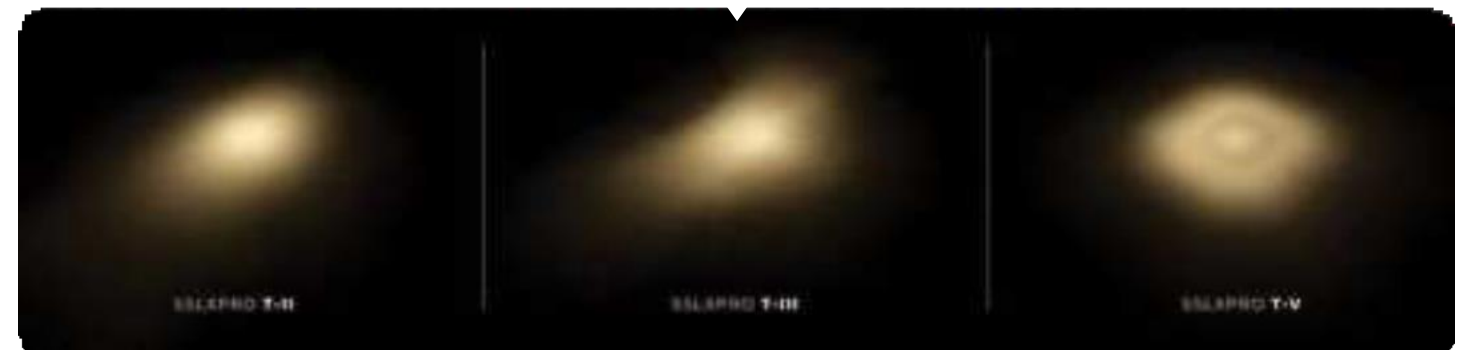
Further, we've mechanically designed our solutions with a key focus on minimizing overheating using aluminium heat dissipation system. **We maintain the temperature of our LED modules well below the maximum permissible levels, leading to an extended lifespan.**

20
YEARS

LM-80[✓]
LEDS CERTIFIED

DIFFERENT OPTICS AVAILABLE + P. 96

Our lenses will allow you to **maximize light direction and control**
(Examples of optics for the SSLXPRO range)



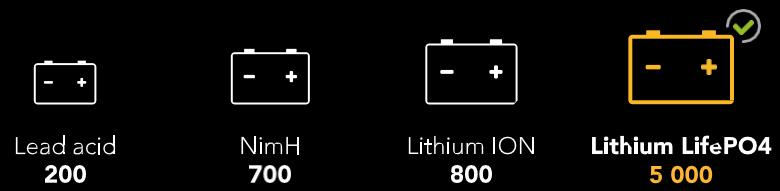
BATTERY LITHIUM LIFEPO4

The battery is a key component of solar lighting solutions. The quality of its technology influences the performance, lifespan, and price of a solar luminaire. For all its solar luminaires, **SOLUX has successfully opted for the LIFEPO4 Lithium battery, ensuring an operational lifetime of more than 10 years.**



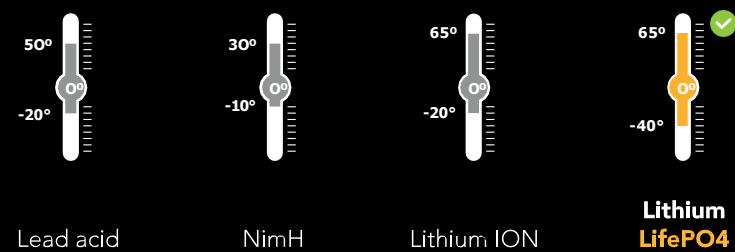
LIFE CYCLE AND 50% DOD* CYCLES

Comparisons by different battery technologies



CHARGING TEMPERATURE RANGE WITHOUT CAPACITY LOSS

Minimum & Maximum temperatures range for optimal charging during the day



With over 500,000 products installed worldwide in all climates, **LIFEPO4 SOLUX batteries have proven their reliability, resistance, and performance.**



BMS ELECTRONIC PROTECTION BATTERY MANAGEMENT SYSTEM

Our batteries are equipped with **electronic circuit boards that offer enhanced protection**, ensuring optimal battery performance in any situation.

BMS also offers a Multi Protection :

- OVER/UNDER LOAD
- OVERCURRENT
- UNDER/OVER VOLTAGE
- OVER/UNDER CHARGE
- TEMPERATURE MANAGEMENT

ALUMINIUM BOX HEAT DISSIPATION

High temperatures can significantly reduce a battery's lifespan. To combat this, our batteries are encapsulated in a waterproof aluminum casing, ensuring efficient heat dissipation.

In addition, the casing promotes natural airflow, maintaining the battery at ambient temperature.



+ IN OPTION

EXTREME TEMPERATURES FROM -40°C À +70°C

While standard Lithium LIFEPO4 batteries typically operate from -10°C to 70°C, Solux provides an **upgraded LIFEPO4 battery technology** that functions effectively in extreme temperatures, ranging from -40°C to 70°C



CHARGE CONTROLLER BRAIN OF THE SYSTEM

The charge controller serves as the brain of the solar lighting system. **It manages battery charging and protection, as well as oversees lighting operation and its programming.** The electronics within Solux's controller are fully encapsulated in an aluminum casing, ensuring both waterproofing and efficient heat dissipation.



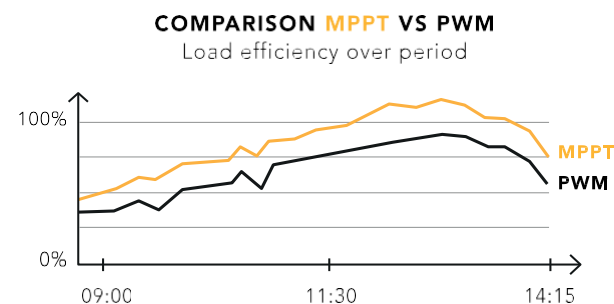
+ WATERPROOF CONNECTORS "PLUG & PLAY"
All our components are assembled **seamless and easy to access**

The controller also acts as a protection element for all components against:

OVERLOAD / OVERCURRENT / OVERTEMPERATURE
OVERVOLTAGE / OVERLOAD / OVERDISCHARGE

MPPT TECHNOLOGY MAXIMUM POWER POINT TRACKING

In a search for performance and reliability, our products are equipped with MPPT technology controller offering **the best charging efficiency on the market.**

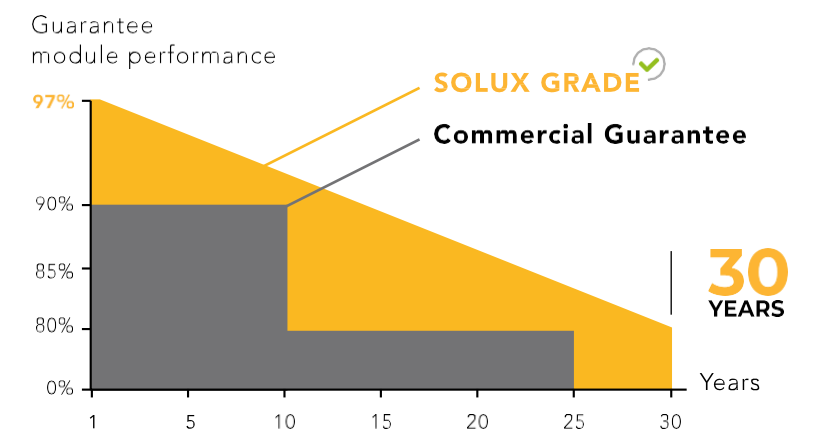


SOLAR PANELS HIGH PERFORMANCE



Prioritizing performance and reliability, Solux utilizes monocrystalline photovoltaic panels for optimal results. **We meticulously select only GRADE A cells with an efficiency exceeding 19.4%.**

OUR PERFORMANCE WARRANTY



ALUMINUM & POWDER COATING AKZO NOBEL

As a leading outdoor lighting manufacturer, we design luminaires that endure the harshest conditions. This is why we place significant focus on selecting the best materials for our luminaire bodies and casings.

Mostly, we use aluminum in our products due to its anti-corrosion properties and lightweight nature. However, our commitment to quality goes beyond material selection; we also prioritize surface treatments and coatings.

For these reasons, we've chosen AKZO NOBEL powder coating, known for its outstanding resistance even in the most challenging environments.

Together, aluminum and AKZO NOBEL powder coating equip Solux luminaires to withstand high temperatures, humidity, UV discoloration from prolonged sun exposure, and salt corrosion typical in seaside locations.

INSTALL IN ALL CONDITIONS



MICROWAVE SENSOR

Solux luminaires come equipped with microwave detectors. These detectors utilize the **Doppler effect** (similar to car radars) to detect presence and measure distance. The sensor emits a high-frequency wave which bounces off objects and analyzes their presence.



MUCH BETTER RELIABILITY COMPARED TO THE INFRARED DETECTOR

UP TO 360° DIRECTIVITY

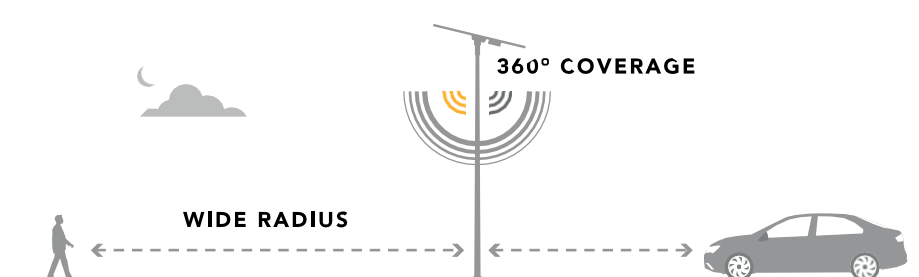
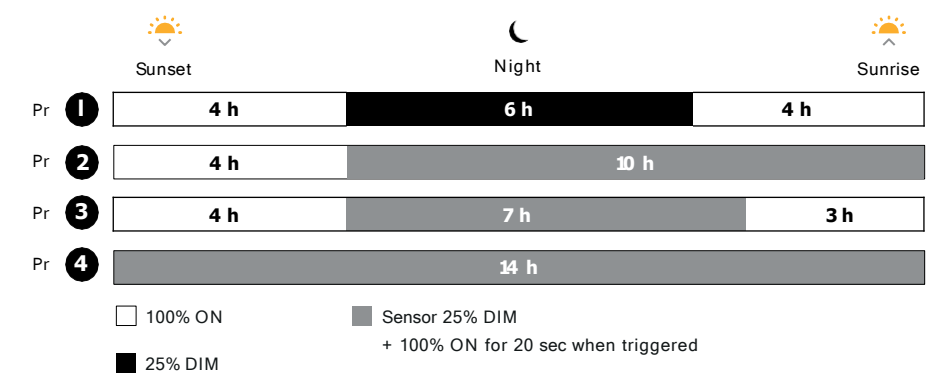
INSENSITIVITY TO OTHER ENVIRONMENTAL VARIATIONS such as light, color, temperature, etc.

LONG AND STABLE DETECTION RANGE

DIFFERENT FUNCTION MODES

Our lightning programming system is completely flexible. Lightning will match all safety and environmental requirements.

Programming example >



REMOTE DIAGNOSIS

To simplify maintenance operations and especially to diagnose potential issues without the need for mechanical intervention on the luminaire, **Solux luminaires come equipped with a wireless diagnostic system, accessible via a remote control.**



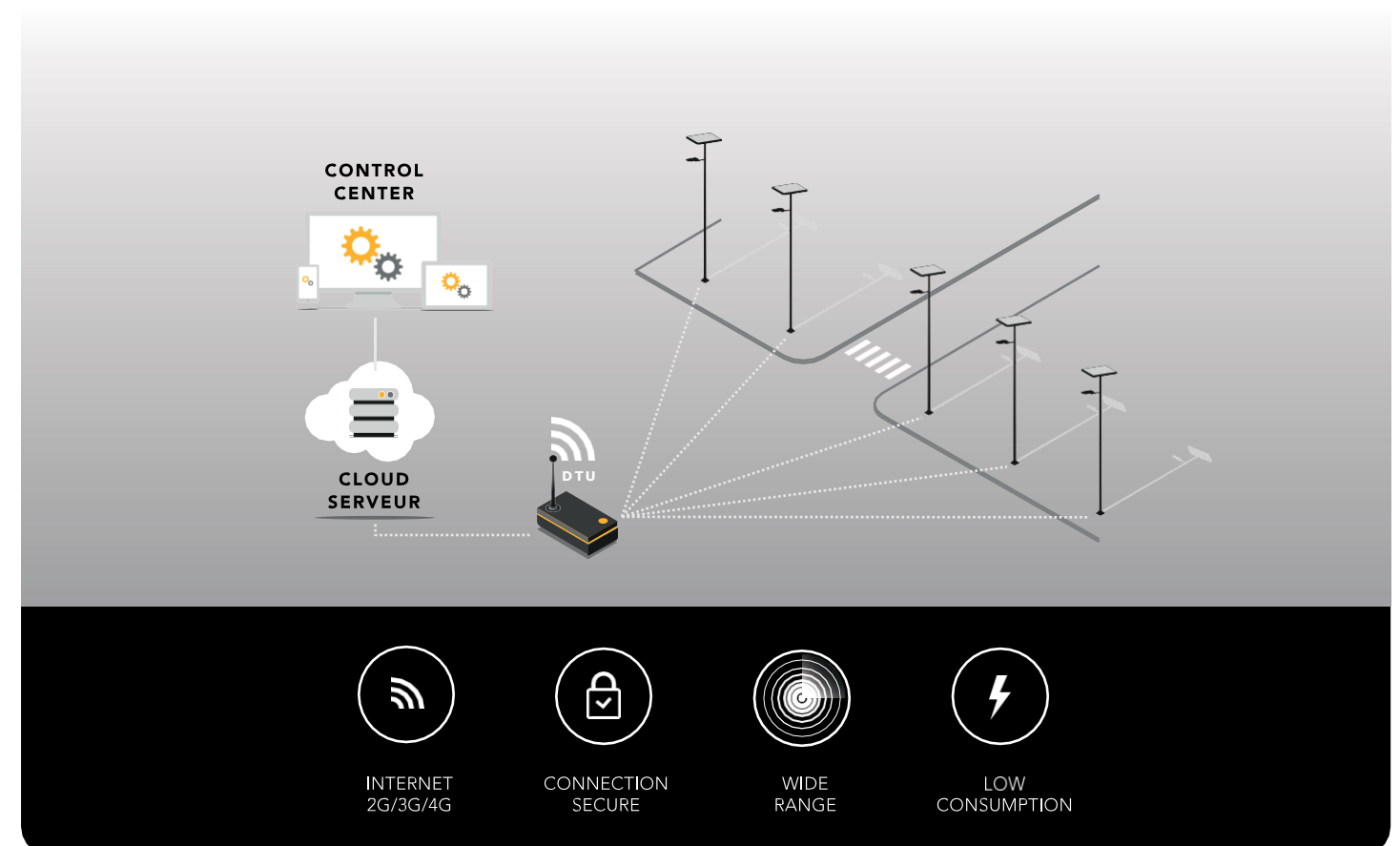
DIAGNOSTICS AND PROGRAMMING
AT YOUR FINGERTIPS!

SMART CITY REMOTE SOLUX BRIDGE

In our ongoing commitment to innovation, the Solux team is proud to have developed a special tool for remote monitoring of our solar street lights: the Solux Bridge. Using low-frequency LORA or Zigbee technology, it allows for **real-time monitoring of multiple solar street lights simultaneously.**



AVAILABLE FOR
TOTEM, SSLXPRO & SSLX



U R B A N L I G H T I N G

Solux offers a range of durable lighting fixtures that combine elegance with functionality, providing illumination tailored to various urban spaces.

Our comprehensive range addresses the diverse settings found within urban environments, enhancing and facilitating the movement of people.

V A N D A L A N T I V A N D A L I S M S O L A R B O L L A R D

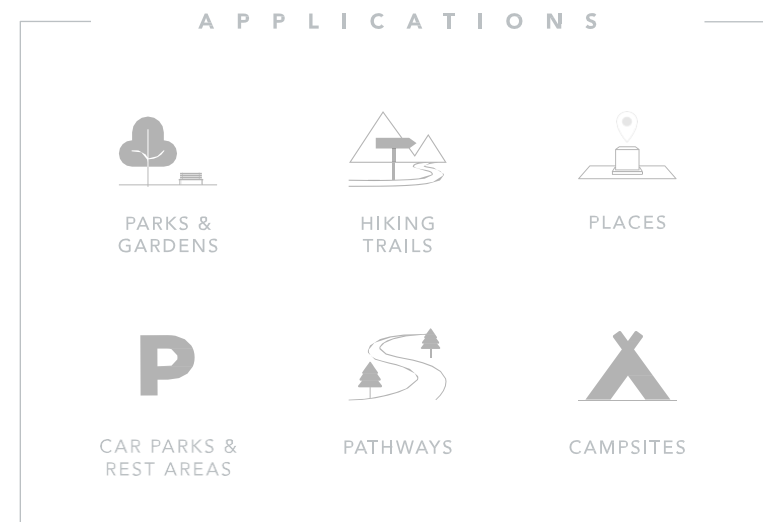
VANDAL

ANTI-VANDALISM SOLAR BOLLARD

Designed to function like conventional bollards, the VANDAL features high-performing LEDs and uses only the finest components for best performance.

Our VANDAL bollard is manufactured with a focus on achieving an exceptionally high vandal-resistance rating of **IK10+**. This makes it nearly indestructible. The VDL-001 is also fully submersible, featuring an **IP67 rating, making it ideal for both safety purposes and flood-prone areas.**

THE STRONGEST SOLAR BOLLARD ON THE MARKET



270° MICROWAVE MOTION SENSOR



ULTRA RESISTANT & SUBMERSIBLE

Our dome's innovative design using **LEXAN's Polycarbonate** ensures VANDAL can withstand nearly all hazards and is **suitable for most extreme conditions.**

VANDAL

VANDAL RESISTANT SOLAR BOLLARD



OPTICS
Symetric / Asymmetric (P.96)

CCT
1800K to 6500K

BATTERY
Lithium LIFEPO4 38 W/h

AUTONOMY
**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR
Microwave 270° detection

SOLAR PANEL
Monocrystalline 6 Wp Grade A

FINISH
**Marine-grade anodized
aluminum and polycarbonate**

5 YEARS | **WARRANTY**
on the whole
system

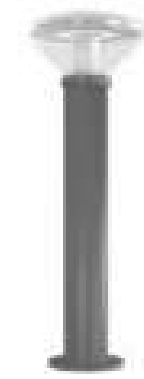
10 YEARS | **WARRANTY**
on solar
panels

CERTIFICATIONS
**IK10+ / IP67 / CE
DARK SKY COMPLIANT**



VANDAL **B45**

FLUX*	588 Lm
POWER*	3 W
HEIGHT	45 cm
DIAMETER	28 cm
COLORS	Gray & Black
INSTALLATION	Base plate
PRODUCT CODE	VDL B-45



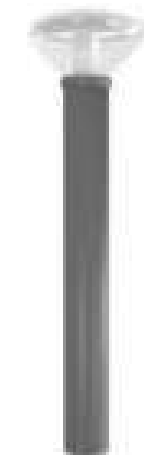
VANDAL **B80**

FLUX*	588 Lm
POWER*	3 W
HEIGHT	80 cm
DIAMETER	28 cm
COLORS	Gray & Black
INSTALLATION	Base plate
PRODUCT CODE	VDL B-80



VANDAL **E65**

FLUX*	588 Lm
POWER*	3 W
HEIGHT	65 cm
DIAMETER	28 cm
COLORS	Gray & Black
INSTALLATION	Buried
PRODUCT CODE	VDL E-65



VANDAL **E100**

FLUX*	588 Lm
POWER*	3 W
HEIGHT	100 cm
DIAMETER	28 cm
COLORS	Gray & Black
INSTALLATION	Buried
PRODUCT CODE	VDL E-100

*Nominal

SOLAR BOLLARDS

KANSA - MIRA - ADA - KORON
KONI - SLINDA - MARA - ROR - KOTO

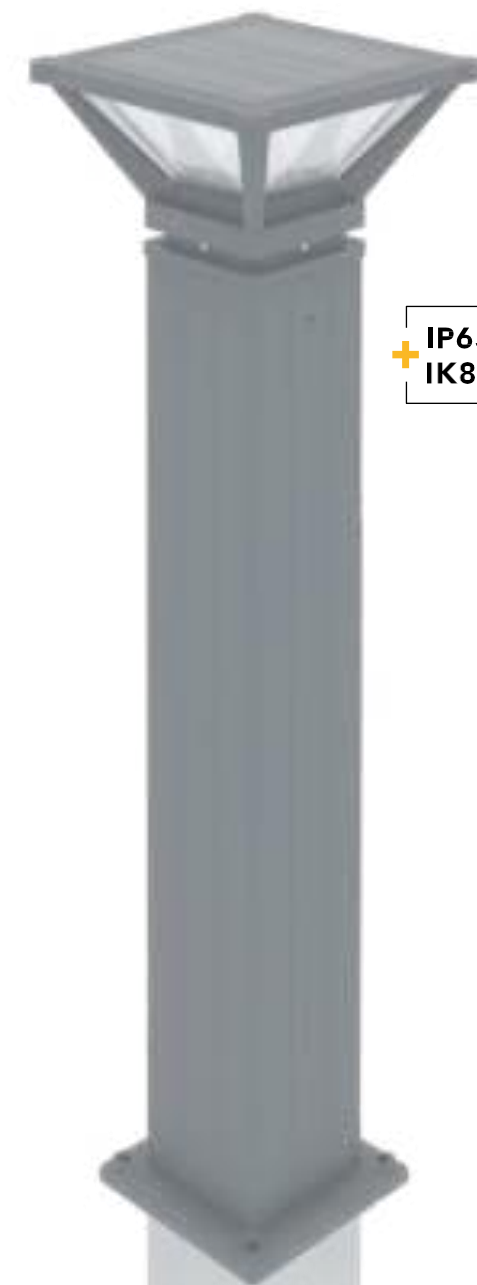
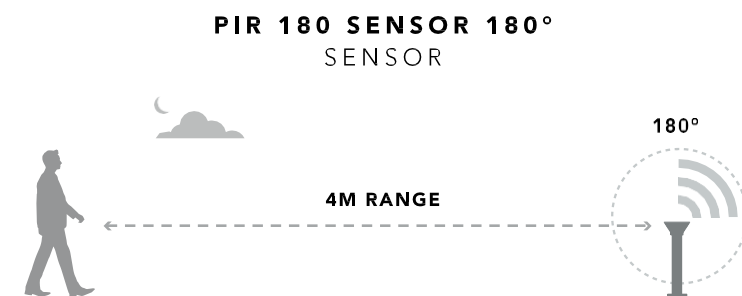
SOLUX offers a complete range of self-sufficient solar bollards. With automatic operation and constructed from die-cast aluminum, they are designed to withstand the harshest conditions. **These bollards address all your lighting, beaconing, and decorative needs for various living spaces**

S O L A R B O L L A R D S

SELF POWERED BOLLARD

Our solar bollards are designed and made by die cast aluminum and UV & Salt resistant AKZO Nobel Powder coating. It can be installed in the harshest environments.

Equipped with high performance solar cells, the solar bollard can charge under sunny weather as well as under cloudy weather, **always ensuring optimal lighting all year long.**



EASY INSTALLATION

Made from aluminum and featuring a simple, sleek design, **Solux solar bollards complement your surrounding environment without causing it harm.**

KANSA & MIRA

SOLAR BOLLARDS

OPTICS
Symmetric (P.96)

CCT
2300K to 6500K

BATTERY
Lithium LIFEPO4 38 W/h

AUTONOMY
**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR*
Infrared 180°

SOLAR PANEL
Monocrystalline 10 Wp Grade A

FINISH
**Die Cast Aluminum
and polycarbonate**

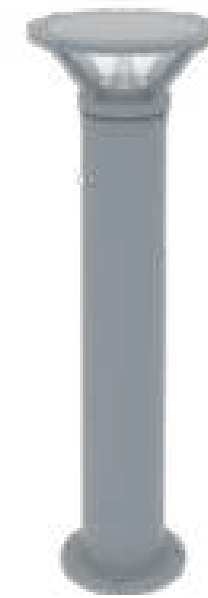
*OPTION
PIR SENSOR, DUAL CCT

3 | **WARRANTY**
YEARS | on the whole
system

10 | **WARRANTY**
YEARS | on solar
panels

CERTIFICATIONS
IK8 / IP65 / CE / DARK SKY/ CE

SIMPLICITY & AUTONOMY



KANSA
480 LUMENS* / 4 WATTS*

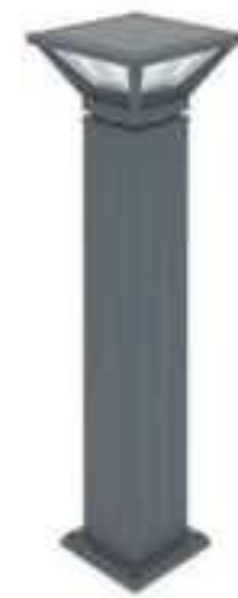
LIGHT HEIGHT
100 cm

DIAMETER
40 cm

COLORS
Gray & Black

INSTALLATION
**Concrete
base**

PRODUCT CODE
SL-005



MIRA
480 LUMENS* / 4 WATTS*

LIGHT HEIGHT
100 cm

DEPTH
31*31 cm

COLORS
Gray & Black

INSTALLATION
**Concrete
base**

PRODUCT CODE
SL-006

*Nominal

ADA

SOLAR BOLLARDS

OPTICS
Symmetric (P.96)

CCT
2300K to 6500K

BATTERY
Lithium LIFEPO4 28 W/h

AUTONOMY
**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR*
Infrared 180°

SOLAR PANEL
Monocrystalline 6 Wp Grade A

FINISH
**Die Cast Aluminum
and polycarbonate**

*OPTION
PIR SENSOR, DUAL CCT

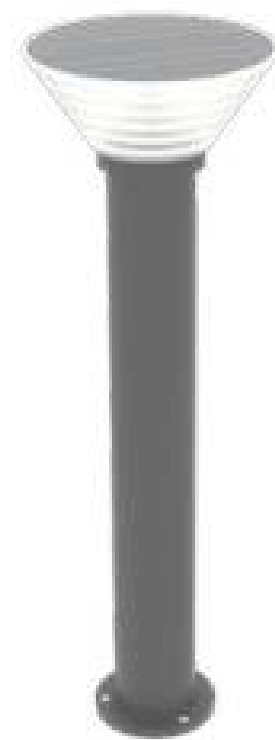
3 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS

IK8 / IP65 / CE

SIMPLICITY & AUTONOMY



ADA B80
420 LUMENS* / 3,5 WATTS*

HEIGHT
80 cm

DIAMETER
26 cm

COLOR
Black

INSTALLATION
Concrete base

PRODUCT CODE
SL-021 80



ADA B45
420 LUMENS* / 3,5 WATTS*

HEIGHT
38 cm

DIAMETER
26 cm

COLOR
Black

INSTALLATION
Concrete base

PRODUCT CODE
SL-021 45



ADA E45
420 LUMENS* / 3,5 WATTS*

HEIGHT
38 cm

DIAMETER
26 cm

COLOR
Black

INSTALLATION
Insert on support

PRODUCT CODE
SL-021 NB



ADA M45
420 LUMENS* / 3,5 WATTS*

HEIGHT
Wall Mounted

DIAMETER
26 cm

COLOR
Black

INSTALLATION
On wall

PRODUCT CODE
BW-021

KORON

SOLAR BOLLARDS

OPTICS
Symmetric (P.96)

CCT
2300K to 6500K

BATTERY
Lithium LIFEPO4 28 W/h

AUTONOMY
More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR*
Infrared 180°

SOLAR PANEL
Monocrystalline 6 Wp Grade A

FINISH
Die Cast Aluminum
and polycarbonate

*OPTION
PIR SENSOR, DUAL CCT

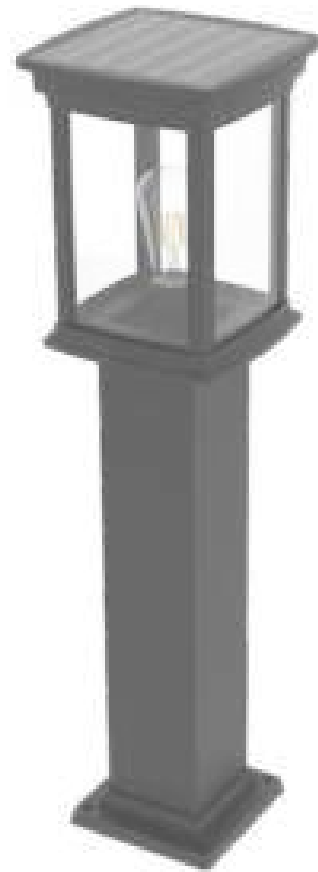
3 YEARS | **WARRANTY**
on the whole system

10 YEARS | **WARRANTY**
on solar panels

CERTIFICATIONS

IK8 / IP55 / CE /

COLONIAL DESIGN



KORON 80
420 LUMENS* / 3,5 WATTS*

HEIGHT
80 cm

DEPTH
21 x 21 cm

COLORS
Black / White / Bronze

INSTALLATION
Concrete base

PRODUCT CODE
SL-013 80



KORON 45
420 LUMENS* / 3,5 WATTS*

HEIGHT
45 cm

DEPTH
21 x 21 cm

COLORS
Black / White / Bronze

INSTALLATION
Concrete base

PRODUCT CODE
SL-013 45



KORON M45
420 LUMENS* / 3,5 WATTS*

HEIGHT
Wall Mounted

DEPTH
23 x 23 cm

COLORS
Black / White / Bronze

INSTALLATION
Wall Mounted

PRODUCT CODE
BW-013

*Nominal

KONI & SLINDA

SOLAR BOLLARDS

OPTICS
Symmetric (P.96)

CCT
2300K to 6500K

BATTERY
Lithium LIFEPO4 28 W/h

AUTONOMY
**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR*
Infrared 180° (Not av on KONI)

SOLAR PANEL
Monocrystalline 4.5 Wp Grade A

FINISH
**Die Cast Aluminum
and polycarbonate**

*OPTION
PIR SENSOR, DUAL CCT

3 YEARS | **WARRANTY**
on the whole system

10 YEARS | **WARRANTY**
on solar panels

CERTIFICATIONS
IK8 / IP65 / CE

M O D E R N
D E S I G N



KONI
250 LUMENS* / 1,8 WATTS*

HEIGHT
80 cm

DIAMETER
21 cm

COLORS
Gray & Black

FACILITY
**Concrete
base**

PRODUCT CODE
SL-018



SLINDA 80
250 LUMENS* / 1,8 WATTS*

HEIGHT
80 cm

DIAMETER
16 cm

COLORS
Gray & Black

FACILITY
**Concrete
base**

PRODUCT CODE
SL-015 80



SLINDA 100
250 LUMENS* / 1,8 WATTS*

HEIGHT
100 cm

DIAMETER
16 cm

COLORS
Gray & Black

FACILITY
**Concrete
base**

PRODUCT CODE
SL-015 100

*Nominal

MARA, ROR & KOTO

OPTICS
Symmetric (P.96)

CCT
2300K to 6500K

BATTERY
Lithium LIFEPO4 28 W/h

AUTONOMY
**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR*
Infrared 180°

SOLAR PANEL
Monocrystalline 4,5 Wp Grade A

FINISH
**Die Cast Aluminum
and polycarbonate**

*OPTION
**PIR SENSOR (Not av. for KOTO)
DUAL CCT**

3 YEARS **WARRANTY**
on the whole system

10 YEARS **WARRANTY**
on solar panels

CERTIFICATIONS
IK8 / IP65 / CE

CLASSIC
DESIGN



MARA
420 LUMENS* / 3,5 WATTS*

HEIGHT
80 cm

DIAMETER
22 cm

COLORS
Gray & Black

FACILITY
Concrete base

PRODUCT CODE
SL-019



ROR 80
250 LUMENS* / 1,8 WATTS*

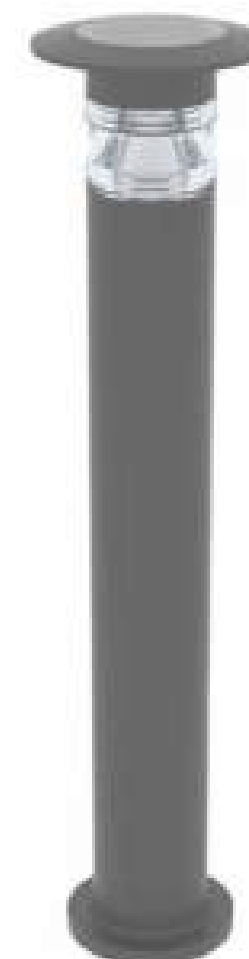
HEIGHT
80 cm

DIAMETER
25 cm

COLORS
Black

FACILITY
Concrete base

PRODUCT CODE
SL-002 80



ROR 110
250 LUMENS* / 1,8 WATTS*

HEIGHT
110 cm

DIAMETER
25 cm

COLORS
Black

FACILITY
Concrete base

PRODUCT CODE
SL-002 110



KOTO
250 LUMENS* / 1,8 WATTS*

HEIGHT
25 cm

DIAMETER
22 cm

COLORS
Gray & Black

FACILITY
Concrete base

PRODUCT CODE
SL-014

*Nominal

SOLAR POST-TOP

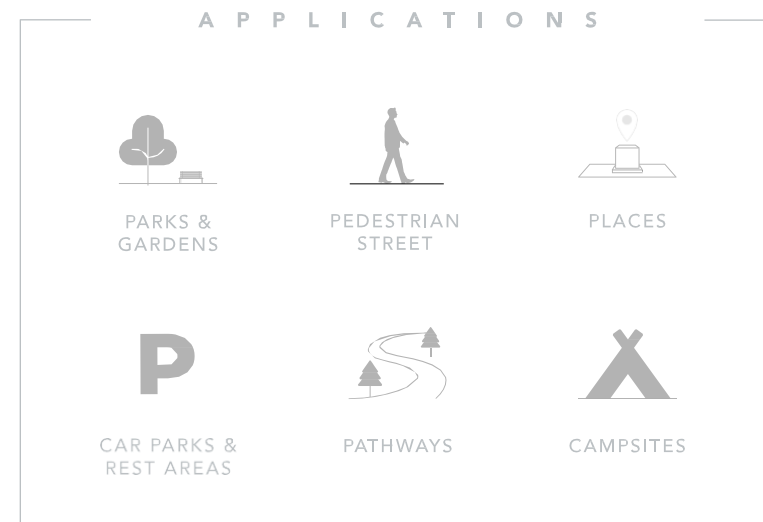
TIRAS - KONOS - OPLA



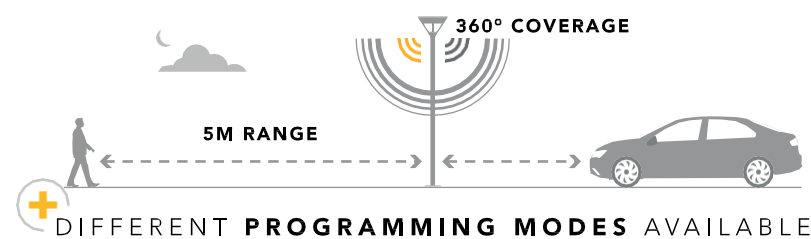
S O L A R P O S T - T O P

A F U L L R A N G E O N P O L E

SOLUX's Solar Post-Tops, with their sleek design, are the ideal solution for urban lighting. They cater to a wide array of application needs, from pathways and parks to compounds, and **blend harmoniously into various architectural settings**. Designed to match the performance of conventional post-top lighting, SOLUX Solar Post-Tops are equipped with high-performing LEDs powered by solar energy.



360° MICROWAVE
MOTION SENSOR



IP65
+ IK8
CE

U N L I M I T E D A P P L I C A T I O N S

Thanks to its easy installation, solar post-tops will suit a wide range of outdoor projects.

INSERT & SWITCH ON !

TIRAS, VASA & TROPA

OPTICS

Asymmetric & Symmetric (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LIFEPO4

AUTONOMY

**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR

**360° Microwave detection
(different set ups available)**

SOLAR PANEL

Monocrystalline Grade A

FINISH

**Die Cast Aluminum
and polycarbonate**

**5
YEARS**

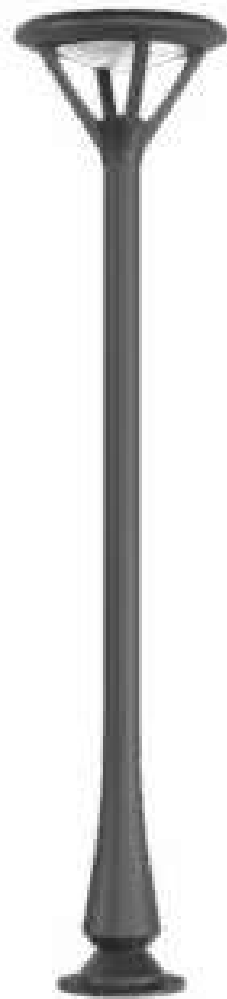
WARRANTY
on the whole
system

**10
YEARS**

WARRANTY
on solar
panels

CERTIFICATIONS

IK8 / IP65 / CE / DARK SKY



TIRAS
2 744 LUMENS* / 14 WATTS*

SOLAR PANEL
33 Wc

BATTERY
256 Wh

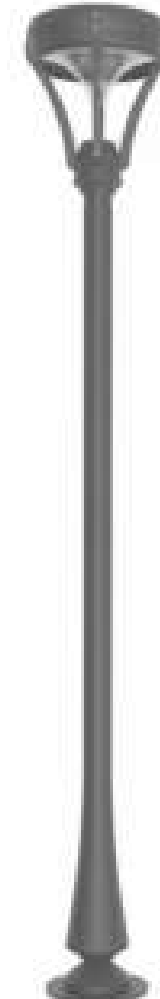
LIGHT HEIGHT
2,5 to 5 m

DIMENSIONS
535 x 390 cm

COLORS
Gray & Black

INSTALLATION
Insert on pole

PRODUCT CODE
PL-009



VASA
2 744 LUMENS* / 14 WATTS*

SOLAR PANEL
33 Wc

BATTERY
256 Wh

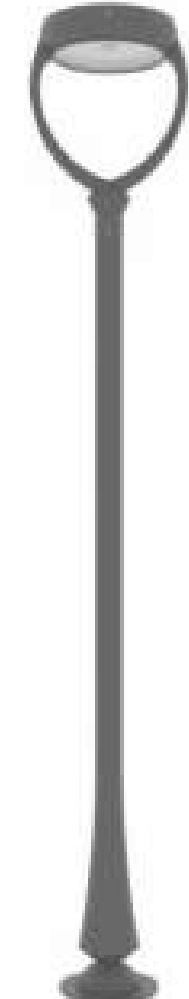
LIGHT HEIGHT
2,5 to 5 m

DIMENSIONS
450 x 570 cm

COLORS
Gray & Black

INSTALLATION
Insert on pole

PRODUCT CODE
PL-007



TROPA
2 744 LUMENS* / 14 WATTS*

SOLAR PANEL
33 Wc

BATTERY
256 Wh

LIGHT HEIGHT
2,5 to 5 m

DIMENSIONS
445 x 690 cm

COLORS
Gray & Black

INSTALLATION
Insert on pole

PRODUCT CODE
PL-006

*Nominal

KONOS, OPLA & THOLOS

OPTICS

Asymmetric & Symmetric (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LIFEPO4

AUTONOMY

More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR

360° Microwave detection
(different set ups available)

SOLAR PANEL

Monocrystalline Grade A

FINISH

Die Cast Aluminum
and polycarbonate

5
YEARS

WARRANTY
on the whole
system

10
YEARS

WARRANTY
on solar
panels

CERTIFICATIONS

IK8 / IP65 / CE / DARK SKY



KONOS
3 920 LUMENS* / 20 WATTS*

SOLAR PANEL
45 Wc

BATTERY
320 Wh

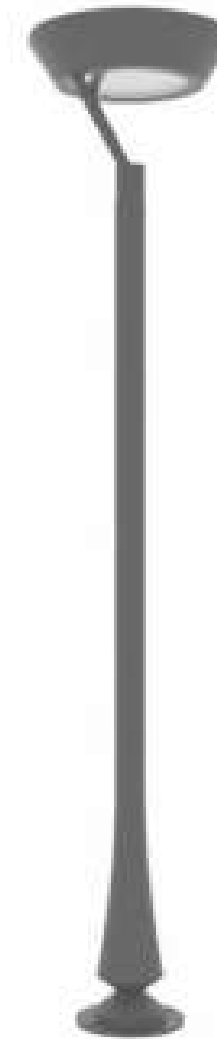
LIGHT HEIGHT
3 to 5 m

DIMENSIONS
600 x 470 cm

COLORS
Gray & Black

INSTALLATION
Insert on pole

PRODUCT CODE
PL-008



OPLA
3 920 LUMENS* / 20 WATTS*

SOLAR PANEL
45 Wc

BATTERY
320 Wh

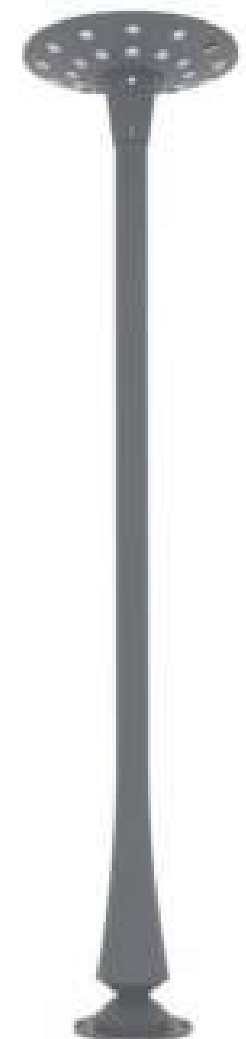
LIGHT HEIGHT
3 to 5 m

DIMENSIONS
600 x 470 cm

COLORS
Gray & Black

INSTALLATION
Insert on pole

PRODUCT CODE
PL-010



THOLOS
3 920 LUMENS* / 20 WATTS*

SOLAR PANEL
45 Wc

BATTERY
320 Wh

LIGHT HEIGHT
3 to 5 m

DIMENSIONS
609 x 264 cm

COLORS
Gray & Black

INSTALLATION
Insert on pole

PRODUCT CODE
PL-005

*Nominal

A photograph of a modern, multi-story building at night. The building's facade is composed of dark, vertical panels and large glass windows. Several tall, slender, black solar lighting columns are positioned around the building, some of which are illuminated from within, casting a warm glow. The sky is dark with some light clouds. The overall scene is a nighttime urban setting.

T O T E M

LIGHTNING COLUMNS

Thanks to Solux's extensive range of luminaires dedicated to urban lighting, our solar solutions provide efficient and reliable illumination in a green and sustainable fashion.

Solux offers a solar column range with a novel and refined **design that blends discreetly into various types of environments.**

T O T E M

L I G H T I N G C O L U M N S

Our TOTEM series combines a smart, unique design with integrated panels within the structure, achieving a perfect balance between elegance and performance.

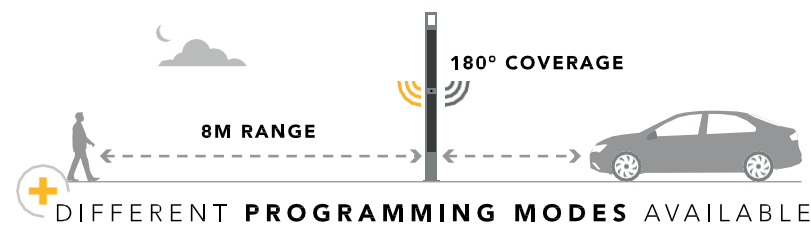
Equipped with SHINGLED PERC solar cells, the solar column can charge under both sunny and cloudy conditions, ensuring optimal lighting throughout the year.

Different sizes and power options are available to meet any lighting requirements

V E R T I C A L D U S T F R E E P A N E L



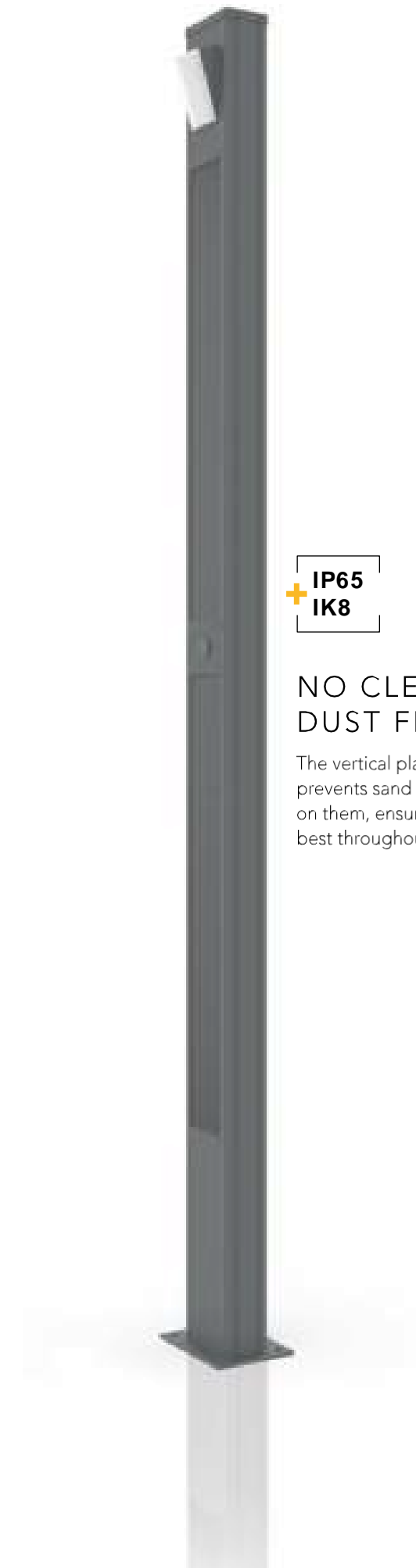
180° MICROWAVE MOTION SENSOR



+ IP65
IK8

NO CLEANING DUST FREE!

The vertical placement of TOTEM's solar panels prevents sand and dust from accumulating on them, ensuring the panels perform at their best throughout the year.



TOTEM

LIGHTNING COLUMNS

OPTICS

Custom made (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LIFEPO4

AUTONOMY

More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR

180° Microwave detection
(different set ups available)

SOLAR PANEL

Shingled Perc GRADE A

FINISH

Anodized Aluminum
and polycarbonate

SOLUX BRIDGE (OPTIONAL)

5 YEARS WARRANTY
on the whole
system

10 YEARS WARRANTY
on solar
panels

CERTIFICATIONS

IK8 / IP65 / CE / LM80



TOTEM 20

3 920 LUMENS* / 20 WATTS*

SOLAR PANEL
115 Wc

BATTERY
346 Wh

LIGHT HEIGHT
270 cm

DIMENSIONS
270x31x37 cm

COLORS
Black

INSTALLATION
Insert
on anchor

PRODUCT CODE
TT-20



TOTEM 40

7 840 LUMENS* / 40 WATTS*

SOLAR PANEL
195 Wc

BATTERY
730 Wh

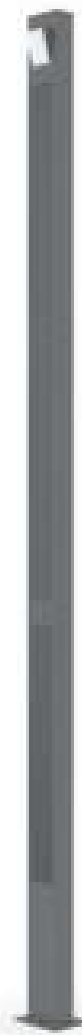
LIGHT HEIGHT
370 cm

DIMENSIONS
370x31x37 cm

COLORS
Black

INSTALLATION
Insert
on anchor

PRODUCT CODE
TT-40



TOTEM 60

11 760 LUMENS* - 60 WATTS*

SOLAR PANEL
330 Wc

BATTERY
1062 Wh

LIGHT HEIGHT
600 cm

DIMENSIONS
600x31x37 cm

COLORS
Black

INSTALLATION
Insert
on anchor

PRODUCT CODE
TT-60

*Nominal

STREET & AREA LIGHTING

Discover a complete range of self-powered lights dedicated to Street and Area lighting.

With all components integrated into a single block, our AOSPRO offers simple installation while guaranteeing high performance.

AOSPRO

INTEGRATED SOLAR STREET LIGHTS

A O S P R O

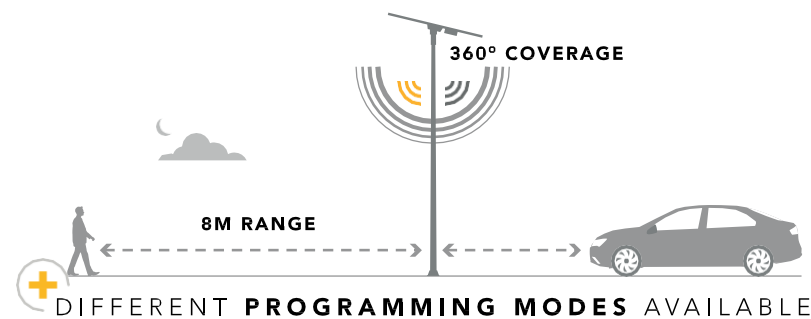
INTEGRATED SOLAR STREET LIGHTS

The ultimate solution for area lighting with motion sensors. Designed to integrate all components into a single unit, AOSPRO ensures the simplest installation and operation while maintaining high performance.

Ideal for areas with low or irregular traffic, such as car parks, alleys, or residences



360° MICROWAVE
MOTION SENSOR



**ALL
IN ONE !**

With all the components in one single block, the AOSPRO series is extremely simple to install.

Simply insert on a pole, position the light, and switch it on!

**+ IP65
IK8**



AOSPRO

INTEGRATED SOLAR LIGHTS

OPTICS

TII / TIII / TV (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LIFEPO4

AUTONOMY

**More than 24 hours
4 consecutive rainy days**

MOVEMENT SENSOR

**360° Microwave detection
(different set ups available)**

SOLAR PANEL

Monocrystalline Grade A

FINISH

**Anodized Aluminum
and Stainless Steel**

5 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS

IK8 / IP65 / CE / LM80

ALL IN ONE



AOSPRO 20
3 920 LUMENS* / 20 WATTS*

SOLAR PANEL
60W 18V

BATTERY
230 Wh

LIGHT HEIGHT
3 to 4 m

DIMENSIONS
910 x 398 x 343

COLORS
Black

INSTALLATION
Insert on pole

PRODUCT CODE
AP-20



AOSPRO 30
5 880 LUMENS* / 30 WATTS*

SOLAR PANEL
60W 18V

BATTERY
269 Wh

LIGHT HEIGHT
3 to 4 m

DIMENSIONS
910 x 398 x 343

COLORS
Black

INSTALLATION
Insert on pole

PRODUCT CODE
AP-30



AOSPRO 40
7840 LUMENS* / 40 WATTS*

SOLAR PANEL
72W 18V

BATTERY
307 Wh

LIGHT HEIGHT
4 to 5 m

DIMENSIONS
1103 x 398 x 343

COLORS
Black

INSTALLATION
Insert on pole

PRODUCT CODE
AP-40

*Nominal

AOSPRO

INTEGRATED SOLAR LIGHTS

OPTICS

TII / TIII / TV (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LIFEPO4

AUTONOMY

More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR

360° Microwave detection
(different set ups available)

SOLAR PANEL

Monocrystalline Grade A

FINISH

Anodized Aluminum
and Stainless Steel

5 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS

IK8 / IP65 / CE / LM80

ALL IN ONE



AOSPRO 60
11 760 LUMENS* / 60 WATTS*

SOLAR PANEL
105W 18V
BATTERY
538 Wh
LIGHT HEIGHT
5 to 7 m
DIMENSIONS
1571 x 398 x 384
COLORS
Black
INSTALLATION
Insert
on pole
PRODUCT CODE
AP-60



AOSPRO 80
15 680 LUMENS* / 80 WATTS*

SOLAR PANEL
105W 18V
BATTERY
665 Wh
LIGHT HEIGHT
5 to 7 m
DIMENSIONS
1571 x 398 x 384
COLORS
Black
INSTALLATION
Insert
on pole
PRODUCT CODE
AP-80



AOSPRO 100
19 600 LUMENS* / 100 WATTS*

SOLAR PANEL
140W 18V
BATTERY
794 Wh
LIGHT HEIGHT
6 to 8 m
DIMENSIONS
1406 x 563 x 384
COLORS
Black
INSTALLATION
Insert
on pole
PRODUCT CODE
AP-100



AOSPRO 120
23 520 LUMENS* / 120 WATTS*

SOLAR PANEL
140W 18V
BATTERY
922 Wh
LIGHT HEIGHT
6 to 8 m
DIMENSIONS
1406 x 563 x 384
COLORS
Black
INSTALLATION
Insert
on pole
PRODUCT CODE
AP-120

*Nominal

SSLXPRO

SOLAR STREET LIGHTS

Discover our solar street light range that delivers unmatched performance without the need for electricity, even under extreme weather conditions.

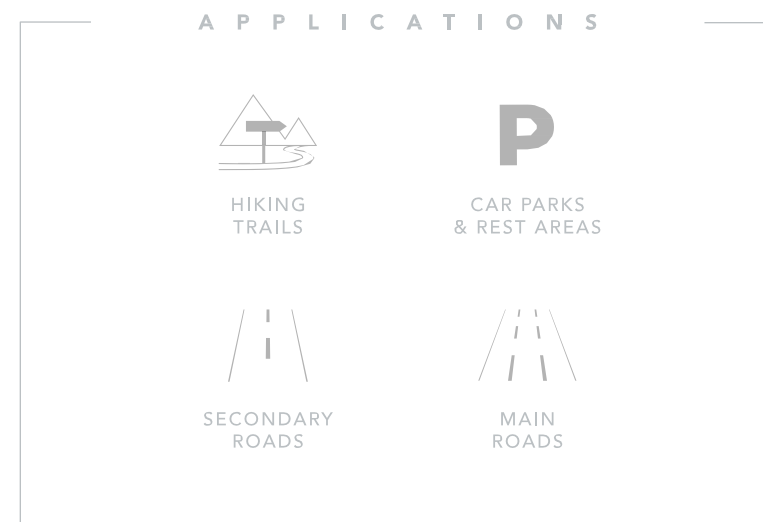
SSLXPRO is our premium solution dedicated to street & area lightings projects requiring **strong and powerful lighting powers all year long and in all conditions.**

SSLXPRO

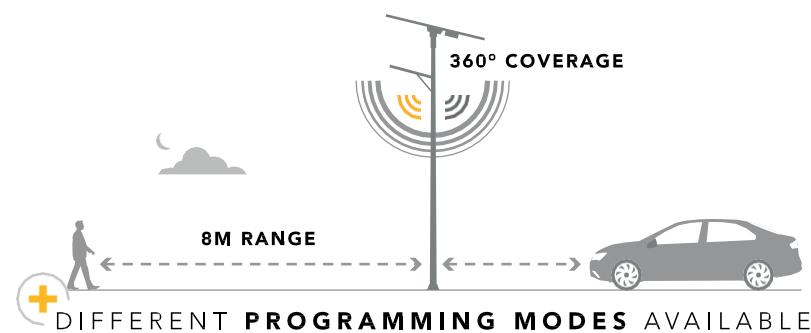
PREMIUM SOLAR STREET LIGHTS

Extremely and easy to install, the SSLXPRO is equipped with the market's best Lithium LIFEPO4 battery and a high-performance adjustable, and reclining solar panel. Another advantage of the SSLXPRO is its anodized aluminum structure, complemented by high-performance LEDs.

Thanks to its reliability and autonomy in all weather conditions, SSLXPRO stands out as the premium choice for road and parking area applications.



360° MICROWAVE
MOTION SENSOR



IP65
+ IK8
CE

365 DAYS
OF LIGHT
PER YEAR

Thanks to its large and adjustable solar panel, combined with its large battery capacity, the SSLXPRO will perform everywhere.

Insert, orientate,
choose your tilt & light
it up!

SSLXPRO

SPLIT SOLAR STREET LIGHTS

OPTICS

TII - TIII - TV & more (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LiFePO4

AUTONOMY

More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR

360° Microwave detection
(different set ups available)

SOLAR PANEL

Monocrystalline Grade A

FINISH

Anodized Aluminum
and Stainless Steel

SOLUX BRIDGE (OPTIONAL)

5 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS

IK8 / IP65 / CE / LM80

PERFORMANCE & ROBUSTNESS



SSLXPRO 30
5 580 LUMENS* / 30 WATTS*

SOLAR PANEL
125W 18V

BATTERY
460 Wh

LIGHT HEIGHT
4 to 5 m

DIMENSIONS
1410 x 560 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-30



SSLXPRO 40
7 840 LUMENS* / 40 WATTS*

SOLAR PANEL
135W 18V

BATTERY
627 Wh

LIGHT HEIGHT
4 to 5 m

DIMENSIONS
1410 x 560 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-40



SSLXPRO 60
11 760 LUMENS* / 60 WATTS*

SOLAR PANEL
195W 18V

BATTERY
921 Wh

LIGHT HEIGHT
6 to 8 m

DIMENSIONS
1560 x 725 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-60

*Nominal

SSLXPRO

SPLIT SOLAR STREET LIGHTS

OPTICS

TII - TIII - TV & more (P.96)

CCT

2300K to 6500K

BATTERY

Lithium LIFEPO4

AUTONOMY

More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR

360° Microwave detection
(different set ups available)

SOLAR PANEL

Monocrystalline Grade A

FINISH

Anodized Aluminum
and Stainless Steel

SOLUX BRIDGE (EN OPTION)

5 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS

IK8 / IP65 / CE / LM80

PERFORMANCE & ROBUSTNESS



SSLXPRO 80
15 680 LUMENS* / 80 WATTS*

SOLAR PANEL
210W 18V

BATTERY
1152 Wh

LIGHT HEIGHT
7 to 8 m

DIMENSIONS
1560 x 725 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-80



SSLXPRO 100
19 600 LUMENS* / 100 WATTS*

SOLAR PANEL
285W 18V

BATTERY
1498 Wh

LIGHT HEIGHT
8 to 10 m

DIMENSIONS
1770 x 1060 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-100



SSLXPRO 120
23 520 LUMENS* / 120 WATTS*

SOLAR PANEL
285W 18V

BATTERY
1843 Wh

LIGHT HEIGHT
8 to 10 m

DIMENSIONS
1770 x 1060 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-120



SSLXPRO DUAL-50
2x9800 LUMENS* / 2x50 WATTS*

SOLAR PANEL
285W 18V

BATTERY
1498 Wh

LIGHT HEIGHT
6 to 10 m

DIMENSIONS
1770 x 1060 x 150

COLOR
Black

INSTALLATION
Insert on pole

PRODUCT CODE
SP-D50

*Nominal

SSLX PERFORMANCE

SOLAR STREET LIGHTS

Discover our solar street light range that delivers unmatched performance without the need for electricity, even under extreme weather conditions.

SSLX PERFORMANCE is an innovative luminaire, created to perform on both price and quality. It combines reliability, premium components, cost-effectiveness, and is suitable for all climates.

SSLX PERFORMANCE

SOLAR STREET LIGHTS

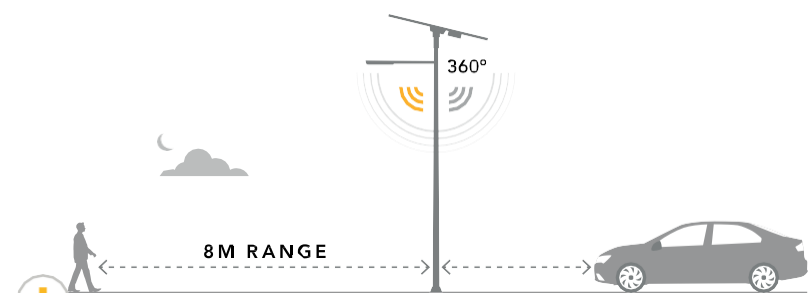
In response to the challenges involved in price competition, we have developed the SSLX Performance: designed to combine reliability, technology, and cost-effectiveness, this luminaire is an unmatched solution for the professionals looking for an economical solar lighting solution that doesn't give up on quality.

Thanks to its reliability and autonomy no matter the weather conditions, SSLX Performance is also a great solution for roads and parking area applications.

APPLICATIONS



360° MICROWAVE MOTION SENSOR



+ DIFFERENT PROGRAMMING MODES AVAILABLE

PERFORMS ON BOTH
PRICE AND QUALITY
365 DAYS OF LIGHTS PER YEAR

Thanks to its large and adjustable solar panel, combined with its large battery capacity, the SSLX **Performance** will perform everywhere.

Insert, orientate, choose your tilt & light it up!



SSLX PERFORMANCE

SPLIT SOLAR STREET LIGHTS

OPTICS

TII - TIII - TV and more (P.96)

CCT

2300-6500 K

BATTERY

Lithium LiFePO4

AUTONOMY

More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR

360° Microwave detection
(different set ups available)

SOLAR PANEL

Monocrystalline Grade A

FINISH

Anodized Aluminum
and Stainless Steel

SOLUX BRIDGE (OPTIONAL)

5 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS

IK8 / IP65 / CE / LM80

PERFORMANCE & SIMPLICITY



SSLX PERFORMANCE
40
7 840 LUMENS* / 40 WATTS*

SOLAR PANEL

135W 18V

BATTERY

627 Wh

LIGHT HEIGHT

5 to 6 m

DIMENSIONS

990 x 670 x 271

COLOR

Black

INSTALLATION

Insert
on pole

PRODUCT CODE

SX-40



SSLX PERFORMANCE
60
11 760 LUMENS* / 60 WATTS*

SOLAR PANEL

195W 18V

BATTERY

922 Wh

LIGHT HEIGHT

6 to 7 m

DIMENSIONS

1450 x 670 x 271

COLOR

Black

INSTALLATION

Insert
on pole

PRODUCT CODE

SX-60



SSLX PERFORMANCE
80
15 680 LUMENS* / 80 WATTS*

SOLAR PANEL

195W 18V

BATTERY

1 152 Wh

LIGHT HEIGHT

7 to 8 m

DIMENSIONS

1450 x 670 x 271

COLOR

Black

INSTALLATION

Insert
on pole

PRODUCT CODE

SX-80

*Nominal

SSLX PERFORMANCE

SPLIT SOLAR STREET LIGHTS

OPTICS
TII - TIII - TV and more (P.96)

CCT
2300-6500 K

BATTERY
Lithium LIFEPO4

AUTONOMY
More than 24 hours
4 consecutive rainy days

MOVEMENT SENSOR
360° Microwave detection
(different set ups available)

SOLAR PANEL
Monocrystalline Grade A

FINISH
Anodized Aluminum
and Stainless Steel

SOLUX BRIDGE (OPTIONAL)

5 YEARS WARRANTY
on the whole system

10 YEARS WARRANTY
on solar panels

CERTIFICATIONS
IK8 / IP65 / CE / LM80

PERFORMANCE & SIMPLICITY



SSLX PERFORMANCE
100
19 600 LUMENS* / 100 WATTS*

SOLAR PANEL
250W 18V

BATTERY
1 280 Wh

LIGHT HEIGHT
8 to 10 m

DIMENSIONS
1260 x 880 x 271

COLOR
Black

INSTALLATION
Insert
on pole

PRODUCT CODE
SX-100



SSLX PERFORMANCE
120
23 520 LUMENS* / 120 WATTS*

SOLAR PANEL
250W 18V

BATTERY
1 536 Wh

LIGHT HEIGHT
8 to 10 m

DIMENSIONS
1260 x 880 x 271

COLOR
Black

INSTALLATION
Insert
on pole

PRODUCT CODE
SX-120



SSLX PERFORMANCE
DUAL-50
2x9800 LUMENS* / 2x50 WATTS*

SOLAR PANEL
250W 18V

BATTERY
1280 Wh

LIGHT HEIGHT
8 to 10 m

DIMENSIONS
1260 x 880 x 271

COLOR
Black

INSTALLATION
Insert
on pole

PRODUCT CODE
SX-D50

*Nominal

U R B A N L I G H T I N G

Vandal Resistant Solar Bollards

		Product Code
VANDAL B80	80 cm with base - 588 lumens 3W - LIFEP04 38Wh - PV 6,3Wc	VDL B-80
VANDAL E100	100 cm direct burried - 588 lumens 3W - LIFEP04 38Wh - PV 6,3Wc	VDL E-100
VANDAL B45	45 cm with base - 588 lumens 3W - LIFEP04 38Wh - PV 6,3Wc	VDL B-45
VANDAL E65	65 cm direct burried - 588 lumens 3W - LIFEP04 38Wh - PV 6,3Wc	VDL E-65

Solar Bollards

		Product Code
KANSA	100 cm - 480 lumens 4W - LIFEP04 38Wh - PV 10Wc	SL-005
MIRA	100 cm - 480 lumens 4W - LIFEP04 38Wh - PV 10Wc	SL-006
ADA B80	80 cm - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	SL-021 80
ADA B45	45 cm - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	SL-021 45
ADA M45	Wall mounted - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	BW-021
ADA E45	45 cm - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	SL-021 NB
KORON 80	80 cm - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	SL-013 80
KORON 45	45 cm - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	SL-013 45
KORON M45	Wall mounted - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	BW-013
KONI	80 cm - 250 lumens 1,8W - LIFEP04 28Wh - PV 4,5Wc	SL-018
SLINDA 80	80 cm - 250 lumens 1,8W - LIFEP04 28Wh - PV 4,5Wc	SL-015 80
SLINDA 100	100 cm - 250 lumens 1,8W - LIFEP04 28Wh - PV 4,5Wc	SL-015 100
MARA	80 cm - 420 lumens 3,5W - LIFEP04 28Wh - PV 6Wc	SL-019
ROR 80	80 cm - 250 lumens 1,8W - LIFEP04 28Wh - PV 4,5Wc	SL-002 80
ROR 110	110 cm - 250 lumens 1,8W - LIFEP04 28Wh - PV 4,5Wc	SL-002110
KOTO	25 cm - 250 lumens 1,8W - LIFEP04 28Wh - PV 4,5Wc	SL-014

Solar Post-top

		Product Code
TIRAS	2744 lumens 14W - LIFEP04 256Wh - PV 33Wc	PL-009
VASA	2744 lumens 14W - LIFEP04 256Wh - PV 33Wc	PL-007
TROPA	2744 lumens 14W - LIFEP04 256Wh - PV 33Wc	PL-006
KONOS	3920 lumens 20W - LIFEP04 320Wh - PV 45Wc	PL-008
OPLA	3920 lumens 20W - LIFEP04 320Wh - PV 45Wc	PL-010
THOLOS	3920 lumens 20W - LIFEP04 320Wh - PV 45Wc	PL-005

Lighting Columns

		Product Code
TOTEM 20	2.7 m - 3920 lumens 20W - LIFEP04 346Wh - PV SHINGLED PERC 115Wc	TT-20
TOTEM 40	3.7 m - 7840 lumens 40W - LIFEP04 730Wh - PV SHINGLED PERC 195Wc	TT-40
TOTEM 60	6 m - 11 760 lumens 60W - LIFEP04 1062Wh - PV SHINGLED PERC 330Wc	TT-60

Modifications of specifications in this catalogue are possible & without notice due to the constant development and improvement of technology and geographical location

S T R E E T & A R E A L I G H T I N G

Integrated Solar Street Lights

		Product Code
AOSPRO 20	3 920 lumens 20W - LIFEP04 230Wh - PV 60Wc	AP-20
AOSPRO 30	5 880 lumens 30W - LIFEP04 269Wh - PV 60Wc	AP-30
AOSPRO 40	7 840 lumens 40W - LIFEP04 307Wh - PV 72Wc	AP-40
AOSPRO 60	11 760 lumens 60W - LIFEP04 538Wh - PV 105Wc	AP-60
AOSPRO 80	15 680 lumens 80W - LIFEP04 655Wh - PV 105Wc	AP-80
AOSPRO 100	19 600 lumens 100W - LIFEP04 794Wh - PV 140Wc	AP-100
AOSPRO 120	23 520 lumens 120W - LIFEP04 922Wh - PV 140Wc	AP-120

Solar Premium Street Lights

		Product Code
SSLXPRO 30	5 880 lumens 30W - LIFEP04 460Wh - PV 125Wc	SP-30
SSLXPRO 40	7 840 lumens 40W - LIFEP04 627Wh - PV 135Wc	SP-40
SSLXPRO 60	11 760 lumens 60W - LIFEP04 921 Wh - PV 195Wc	SP-60
SSLXPRO 80	15 680 lumens 80W - LIFEP04 1152 Wh - PV 210Wc	SP-80
SSLXPRO 100	19 600 lumens 100W - LIFEP04 1498 Wh - PV 285Wc	SP-100
SSLXPRO 120	23 520 lumens 100W - LIFEP04 1843 Wh - PV 285Wc	SP-120
SSLXPRO DUAL 50	2x9800 lumens 2x50W - LIFEP04 1498 Wh - PV 285Wc	SP-D50

Solar Street Lights

		Product Code
SSLX PERFORMANCE 40	7 840 lumens 40W - LIFEP04 627Wh - PV 135Wc	SX-40
SSLX PERFORMANCE 60	11 760 lumens 60W - LIFEP04 922Wh - PV 195Wc	SX-60
SSLX PERFORMANCE 80	15 680 lumens 80W - LIFEP04 1152Wh - PV 195Wc	SX-80
SSLX PERFORMANCE 100	19 600 lumens 100W - LIFEP04 1280Wh - PV 250Wc	SX-100
SSLX PERFORMANCE 120	23 520 lumens 120W - LIFEP04 1536Wh - PV 250Wc	SX-120
SSLX PERFORMANCE DUAL 50	2x9800 lumens 2x50W - LIFEP04 1280Wh - PV 250Wc	SX-D50

