

Pro Light SOLAR

Advanced Lighting Solutions





Advanced Lighting Solutions



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Company Information

Pro-Light Solar products are tested in the UK for the UK.

We ensure that our product quality meets your needs, by testing, researching and developing products to suit the UK Climate.



Pro-Light Solar is a brand bought to you by:

ESE Lighting Direct Ltd.

Unit 35 Wessex Trade Centre

Ringwood Road

Poole

BH12 3PG

Advanced Lighting Solutions



ECO-FRIENDLY – Go green with confidence, our solar lighting technology minimizes your carbon footprint.



COST EFFECTIVE – Our Solar Lighting Solutions deliver exceptional value without compromise.



BESPOKE LIGHTING DESIGN – From concept to reality, our experts design solar lighting solutions tailored to fit your needs perfectly.



UK CERTIFIED – Experience visible quality and trust in our products. Rigorously tested and certified, they excel in all challenging conditions.

Pro-Light Solar are partnered with W&S recycling to protect the future of our products environmental impact.



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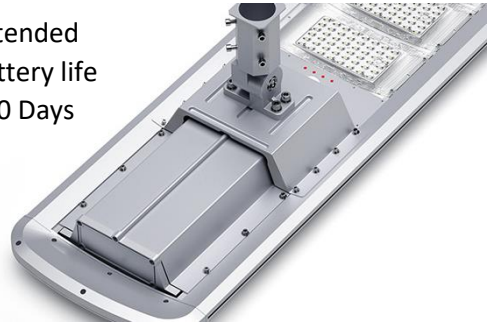
100% output for 5 hours,
20% till dawn



Adaptive Lighting
System (ALS)



Extended
battery life
>10 Days



LED battery
indicator



Monocrystalline
Solar Panel



Self-Cleaning, removes any
excess dirt or moisture to
ensure maximum charging
capabilities, while reducing
maintenance

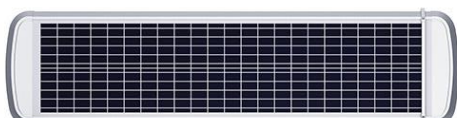
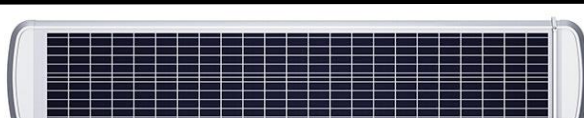


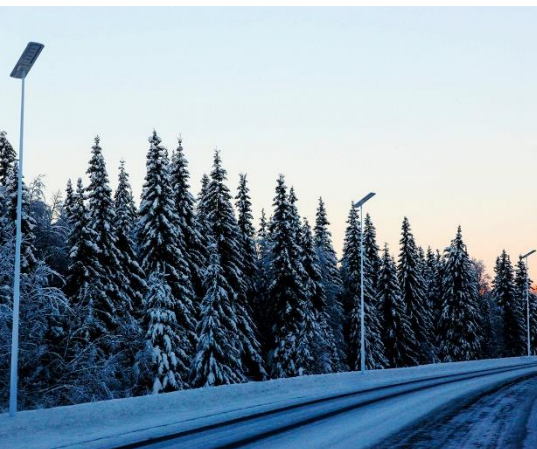
Operational in temperatures
ranging from -20°C to +60°C
using TCS technology to heat
the battery in cold weather



HELIOS

Self Cleaning Solar Street Light

	NZSSL-72	<table><tr><td>Lumens</td><td>4000</td></tr><tr><td>Charging Time</td><td>8 Hours</td></tr><tr><td>Battery Life</td><td>> 10 Days</td></tr><tr><td>IP / IK Rating</td><td>IP65 / IK10</td></tr><tr><td>Install Height</td><td>4m</td></tr><tr><td>Install Distance</td><td>18m</td></tr></table>	Lumens	4000	Charging Time	8 Hours	Battery Life	> 10 Days	IP / IK Rating	IP65 / IK10	Install Height	4m	Install Distance	18m
Lumens	4000													
Charging Time	8 Hours													
Battery Life	> 10 Days													
IP / IK Rating	IP65 / IK10													
Install Height	4m													
Install Distance	18m													
	NZSSL-73	<table><tr><td>Lumens</td><td>6000</td></tr><tr><td>Charging Time</td><td>9 Hours</td></tr><tr><td>Battery Life</td><td>> 10 Days</td></tr><tr><td>IP / IK Rating</td><td>IP65 / IK10</td></tr><tr><td>Install Height</td><td>6m</td></tr><tr><td>Install Distance</td><td>27m</td></tr></table>	Lumens	6000	Charging Time	9 Hours	Battery Life	> 10 Days	IP / IK Rating	IP65 / IK10	Install Height	6m	Install Distance	27m
Lumens	6000													
Charging Time	9 Hours													
Battery Life	> 10 Days													
IP / IK Rating	IP65 / IK10													
Install Height	6m													
Install Distance	27m													
	NZSSL-74	<table><tr><td>Lumens</td><td>8000</td></tr><tr><td>Charging Time</td><td>9 Hours</td></tr><tr><td>Battery Life</td><td>> 10 Days</td></tr><tr><td>IP / IK Rating</td><td>IP65 / IK10</td></tr><tr><td>Install Height</td><td>8m</td></tr><tr><td>Install Distance</td><td>36m</td></tr></table>	Lumens	8000	Charging Time	9 Hours	Battery Life	> 10 Days	IP / IK Rating	IP65 / IK10	Install Height	8m	Install Distance	36m
Lumens	8000													
Charging Time	9 Hours													
Battery Life	> 10 Days													
IP / IK Rating	IP65 / IK10													
Install Height	8m													
Install Distance	36m													
	NZSSL-75	<table><tr><td>Lumens</td><td>10000</td></tr><tr><td>Charging Time</td><td>10 Hours</td></tr><tr><td>Battery Life</td><td>> 10 Days</td></tr><tr><td>IP / IK Rating</td><td>IP65 / IK10</td></tr><tr><td>Install Height</td><td>10m</td></tr><tr><td>Install Distance</td><td>45m</td></tr></table>	Lumens	10000	Charging Time	10 Hours	Battery Life	> 10 Days	IP / IK Rating	IP65 / IK10	Install Height	10m	Install Distance	45m
Lumens	10000													
Charging Time	10 Hours													
Battery Life	> 10 Days													
IP / IK Rating	IP65 / IK10													
Install Height	10m													
Install Distance	45m													
	NZSSL-76	<table><tr><td>Lumens</td><td>12000</td></tr><tr><td>Charging Time</td><td>9 Hours</td></tr><tr><td>Battery Life</td><td>> 10 Days</td></tr><tr><td>IP / IK Rating</td><td>IP65 / IK10</td></tr><tr><td>Install Height</td><td>12m</td></tr><tr><td>Install Distance</td><td>54m</td></tr></table>	Lumens	12000	Charging Time	9 Hours	Battery Life	> 10 Days	IP / IK Rating	IP65 / IK10	Install Height	12m	Install Distance	54m
Lumens	12000													
Charging Time	9 Hours													
Battery Life	> 10 Days													
IP / IK Rating	IP65 / IK10													
Install Height	12m													
Install Distance	54m													



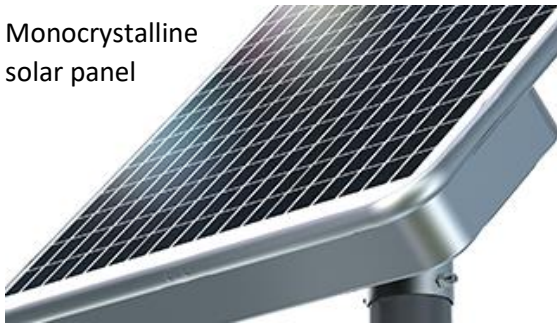
Split Solar Panel
to reduce
charging time



Battery indicator
light, with
integrated fault
detection



Monocrystalline
solar panel



360° mounting
to maximise
charging
efficiency



Icarus

Split Solar Street Light

Icarus Product Specification

NZSSL-64	Lumens	4000	NZSSL-610	Lumens	10000
	Charging Time	6.7 Hours		Charging Time	5.5 Hours
	Battery Life	> 10 Days		Battery Life	> 10 Days
	IP / IK Rating	IP65 / IK10		IP / IK Rating	IP65 / IK10
	Install Height	4m		Install Height	10m
	Install Distance	20m		Install Distance	35m
NZSSL-66	Lumens	6000	NZSSL-612	Lumens	12000
	Charging Time	9 Hours		Charging Time	4.5 Hours
	Battery Life	> 10 Days		Battery Life	> 10 Days
	IP / IK Rating	IP65 / IK10		IP / IK Rating	IP65 / IK10
	Install Height	6m		Install Height	12m
	Install Distance	25m		Install Distance	42m
NZSSL-68	Lumens	8000	NZSSL-64	Lumens	15000
	Charging Time	4.2 Hours		Charging Time	5.6 Hours
	Battery Life	> 10 Days		Battery Life	> 10 Days
	IP / IK Rating	IP65 / IK10		IP / IK Rating	IP65 / IK10
	Install Height	8m		Install Height	15m
	Install Distance	30m		Install Distance	50m



Altan

Solar Flood Light



LED indicator to
show charge
status and
lighting mode



Remote
operated to
control lighting
modes

NZSWL-20PRO		NZSWL-40PRO	
Lumens	3000	Lumens	6000
Charging Time	9 Hours	Charging Time	8 Hours
Battery Life	6-7 Days	Battery Life	6-7 days
IP / IK Rating	IP65 / IK10	IP / IK Rating	IP65 / IK10
Lighting Modes	50% 5 Hours +10% till dawn 30% 5 Hours +10% till dawn 20% till dawn 100% for 2 hours	Lighting Modes	50% 5 Hours +10% till dawn 30% 5 Hours +10% till dawn 20% till dawn 100% for 2 hours
Cable Length	4m (extendable to 6m)	Cable Length	4m (extendable to 6m)



Park

Twin PIR Solar Walkway Light



Twin PIR sensors
for 360°C
detection

Osram LEDs for maximum
output using minimal
battery life

Built in Battery indicator
to show charge levels and
lighting mode



Adaptive Lighting System
(ALS) and Battery Heating
System (TCS) for use in
colder weather and
extended battery life

Park Product Specification			
Product Code	NZSLL-31H	Lighting Modes	15% & PIR
Lumens	3000		30% (5hrs) + 15% & PIR
Charge Time	9 Hours		35% All Night
Lighting Time	5 Nights +		Included
IP Rating	IP65	TCS	Included



Move

Smart Adjusting Panel Light



Move Product Specification

Lumens	300	Install Options	Wall (NZAWM-01)
Charge Time	9 Hours		Post (NZALL-01)
Lighting Time	7-10 Days		Small Bollard (NZABL-01)
IP Rating	IP65 (IK10)		Mid Bollard (NZABL-02)
Warranty	5 Years		Large Bollard (NZABL-03)

Sun sensing smart LED panel that adjusts to face the sun, increasing the charging efficiency by 33%

IK10 diffuser with top dome design reducing the available rest space for animals, dust and debris



Bluetooth connectivity to set up the perfect lighting mode for your space

The downward light design illuminates localised areas to reduce excessive light pollution, maximising charge lifetime



Wall

Super Bright Solar Wall

Easy installation
without cables

Adaptive Lighting System
(ALS), works to prolong
charge lifetime and give you
light when you need it most



High output LEDs



Integral solar panel

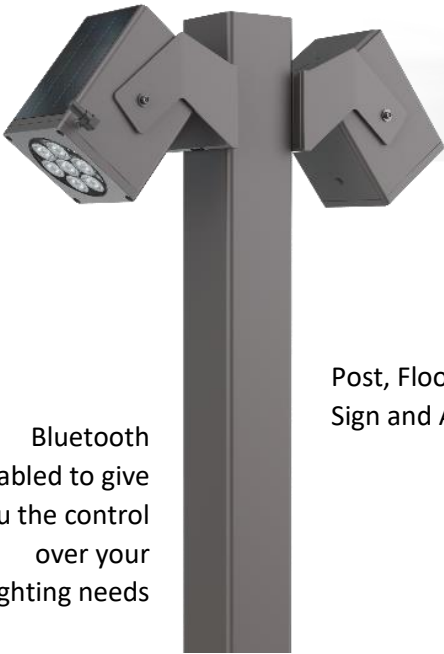
Wall Product Specification

Product Code	NZSWL-05PRO	Install Height	2-3m
Lumens	1000	Box Quantity	2 pcs
Charge Time	7-9 Hours	ALS	Included
Lighting Time	5-6 Days	Lighting Modes	PIR - (10 seconds)
IP Rating	IP65		20Lm + PIR - (10 seconds)



Blok

Versatile Smart Solar Light



Bluetooth
enabled to give
you the control
over your
lighting needs

Post, Floor, Wall,
Sign and Area Light



Bracket or Spike
mounting

Wall option with
vertical solar panel



This versatile product offers
a variety of applications to
suit your needs

Blok Product Specification

Lumens	360	Light Projection	Up to 10m
Charge Time	10 Hours	ALS	Included
Lighting Time	3-4 Days	Install options	NZASL - Spike/Fixed Spot
IP Rating	IP65		NZASL - Wall/Pole Mount
Warranty	5 Years		NZAUL - Sign/Wall mount



Secure

Adjustable solar flood light



Easy installation
without cables



Adaptive Lighting
System (ALS), works to
prolong charge lifetime
and give you light
when you need it most

High output LEDs



Adjustable
monocrystalline
solar panel



Multiple lighting
modes

Secure Product Specification

Product Code	NZSWL16	Install Height	2-3m
Lumens	1000	ALS	Included
Charge Time	6 Hours	Lighting Modes	50Lm + PIR - (10 seconds)
Lighting Time	3-4 Days		PIR - (10 seconds)
IP Rating	IP65		200Lm (6 hours)



Pilot

Smart Solar Flood Light

Bluetooth Mesh &
4g Gateway Control

Easy installation
without cables



High output LEDs



Floor or Wall
mounting options

Smart App Control



PIR motion sensor

Monocrystalline
Detachable Solar Panel



Pilot Product Specification

Lumens	360	Smart Control	BT Mesh - App
Charge Time	9 Hours	ALS	Included
Lighting Time	5+ Days	FAS	Included
IP Rating	IP66 / IK10	Install options	NZAWM-02 - Wall Mount
Warranty	5 Years		NZAFL-02 - Floor Mount

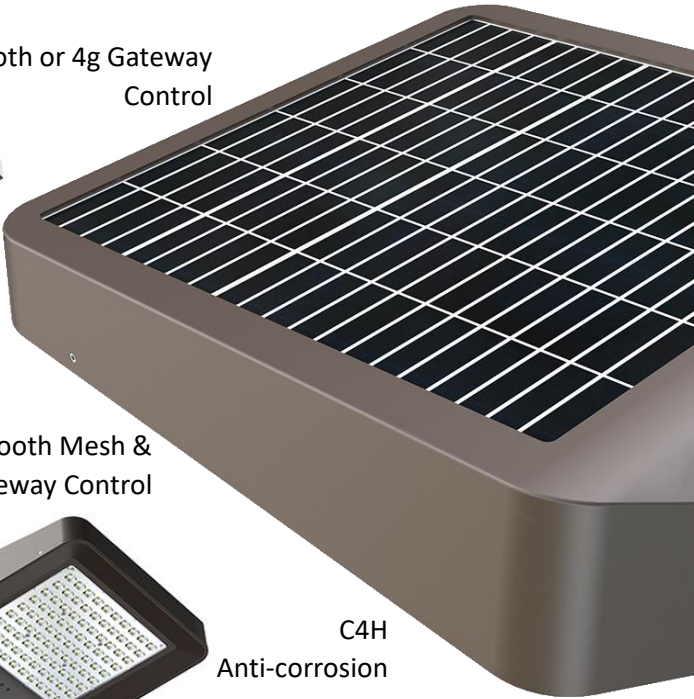
Solace

Solar Smart Area Light

Monocrystalline
Solar Panel



Bluetooth or 4g Gateway
Control



Bluetooth Mesh &
4g Gateway Control

Bespoke design
available



PIR motion sensor

C4H
Anti-corrosion

Variable Colour
Temperature

Solace Product Specification	
Lumens	5000
Charge Time	<10 Hours
Lighting Time	7-9 Days
IP Rating	IP66
Warranty	5 Years
Corrosion Grade	C4H, 720Hrs
ALS	Included
Colour Temperature	3000-5700K
Connctivity	BT Mesh, 4G Gateway
Size (mm)	530 x 466 x 180

Sonne

Solar Smart Area Light

3 Sizes Available



Multiple mounting options

Mains Power Backup



Rain Sensing Technology

Digital Display

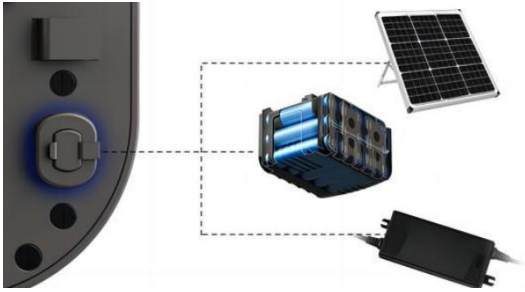
All-in-One Solar Design

PIR Motion Sensor



3 Lighting Modes

Additional Accessory Port



Sonne

Solar Smart Area Light



Sonne Product Specification			
NZSSL-53/56/59			
PIR Sensor	8M / 120°	Lumens: NZSSL-53	3000
Colour Temperature	3000 - 5700K	Lumens: NZSSL-56	6000
Charge Time	9 Hours	Lumens: NZSSL-59	9000
Lighting Time	7+ Days	Remote Operated	Yes
IP Rating	IP65	Warranty	3 Years

Sunspot

Solar Smart Spot Light



Perfect for signage or low level lighting

Monocrystalline Solar Panel



Wall or Floor
Mounting options

Bluetooth Mesh
Gateway Control
with free App



Variable Colour Temperature
or RGB Colour Change



Up to 220 lumens per spot

C4H
Anti-corrosion

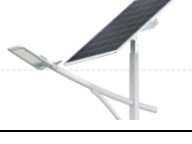


Sunspot Product Specification			
NZDST-11/12/21/22		NZDST-13/14/23/24	
Lumens (per Spot)	220	Lumens (per Spot)	N/A
Colour Temperature	2700 - 6500K	Colour Temperature	RGB Colour Change
Charge Time	6.3 Hours	Charge Time	6.3 Hours
Lighting Time	5+ Days	Lighting Time	5+ Days
IP Rating	IP64	IP Rating	IP64
Lighting Control	BT Mesh - App	Lighting Control	BT Mesh - App

Dimensions

Product Specification				
Item Code	Length (mm)	Width (mm)	Height (mm)	Image
NZSSL-72	903	410	104	
NZSSL-73	1109	410	104	
NZSSL-74	1387	410	104	
NZSSL-75	1523	410	104	
NZSSL-76	1957	410	104	
NZSSL-53	1387	410	104	
NZSSL-56	1523	410	104	
NZSSL-59	631	258	94	

Product Specification

Item Code	Component	Length (mm)	Width (mm)	Height (mm)	Image
NZSSL-64	Panel	604	527	160	
	Lamp	541	235	140	
NZSSL-66	Panel	604	527	160	
	Lamp	541	235	140	
NZSSL-68	Panel	1362	697	160	
	Lamp	541	235	140	
NZSSL-610	Panel	1362	697	160	
	Lamp	541	235	140	
NZSSL-612	Panel	1353	875	160	
	Lamp	541	235	140	
NZSSL-615	Panel	1353	875	160	
	Lamp	541	235	140	
NZSWL-20PRO	Panel	180	195	10	
	Lamp	190	104	85	
NZSWL-40PRO	Panel	180	415	10	
	Lamp	335	104	85	

Product Specification

Item Code	Length (mm)	Width (mm)	Height (mm)	Image
NZSLL-31H	430	430	500	
NZAWM-01	335	240	425	
NZALL-01	240	240	393	
NZABL-01	240	240	660	
NZABL-02	240	240	1117	
NZABL-03	240	240	1345	
NZSWL-05PRO	137	107	216	
NZASL	160	125	141	
NZAUL	145	121	118	
NZSWL-16	169	119	144	
NZAWM-02	403	60	355	
NZAFI-02				
NZDTS-11/21	255	135	60	
NZDTS-12/22				
NZDTS-13/23	803	135	60	
NZDTS-14/24				



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