

Solar Lighting Products



The Sollatek Solar Lighting range

Sollatek designs, manufactures and supports a wide variety of solar related products & systems. With over 20 years experience in the solar industry, Sollatek's products are used in thousands of systems around the world.

Sollatek's Lights products are the preferred choice in specifying rural lighting & solar lighting home systems. Their design, durability and reliability makes them the first choice for installations in harsh environments and remote areas.

Sollatek is an ISO9001: 2000 accredited company.

Our name is your assurance of quality of manufacture and expertise.



LUMINA

- High efficiency compact fluorescent lamps (4 pin)
- Available in 7, 9, 11 and 18 watt versions
- 12, 24 or 48 volt DC versions
- Low current consumption
- Optional switch



ECOLITE

- Linear fluorescent tube
- Available in 8 or 18 watt versions
- 12 or 24 volt DC versions
- Low current consumption
- Optional switch



OUTLITE

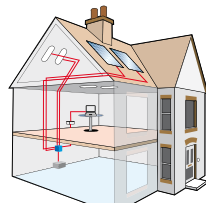
- High efficiency compact fluorescent lamp - 18W
- Available in 12,24 or 48 volt DC versions
- Vandal resistant polycarbonate construction
- Weatherproof to IP65
- Low current consumption



STREET LIGHTING

- IP65, Weatherproof bulkhead (GRP)
- 18 and 36 watt fluorescent, 18 and 26 watt low pressure sodium (SOX-E)
- 12 or 24 or 48 volt DC versions
- Inverter / ballasts are tropicalised
- Side entry 35mm spigot

Sollatek designs, manufactures and supports a wide variety of solar related products and systems, including:



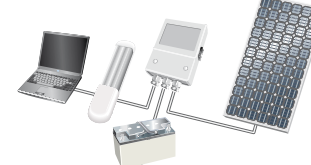
Solar Energy Systems



Charge Controllers



Batteries



Solar Energy Kits



Solar modules



Solar lantern

SPECIFICATIONS

LUMINA

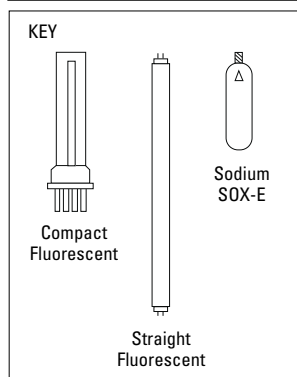
ECOLITE

OUTLITE

STREET LIGHTING

Model	Lumina 7	Lumina 9	Lumina 11	Lumina 18	Ecolite 8	Ecolite 18	Outlite	SLB18PL	SLB36PL	SLB18SX	SLB26SX
Lamp wattage	7 W	9 W	11 W	18 W	8 W	18 W	18 W	18 W	36 W	18 W	26 W
Nominal voltage	12 or 24 VDC	12 or 24 VDC	12 or 24 VDC	12, 24, 48 VDC	12 or 24 VDC	12 or 24 VDC	12, 24, 48 VDC	12, 24, 48 VDC	12 or 24 VDC	12 or 24 VDC	12 or 24 VDC
Current consumption at 12V	0.5 A	0.6 A	0.89 A	1.3 A	0.75 A	1.3 A	1.3 A	1.3 A	2.5 A	1.5 A	2.3 A
Current consumption at 24V	0.25 A	0.3 A	0.45 A	0.65 A	0.37 A	0.65 A	0.65 A	0.65 A	1.25 A	0.75 A	1.15 A
Current consumption at 48V	N/A	N/A	N/A	0.33 A	N/A	N/A	0.33 A	0.33 A	N/A	N/A	N/A
Type of tube	Compact Fluorescent	Compact Fluorescent	Compact Fluorescent	Compact Fluorescent	Straight Fluorescent	Straight Fluorescent	Compact Fluorescent	Compact Fluorescent	Compact Fluorescent	Sodium SOX-E	Sodium SOX-E
Tube lumen output	400	600	900	1200	410	1150	1200	1200	2800	1800	3700
Colour of light emitted	White	White	White	White	White	White	White	White	White	Yellow	Yellow
Inverter frequency (KHz)	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz	>30 KHz
Inverter waveform	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave	Pure sinewave
Inverter efficiency	>90%	>90%	>90%	>90%	>90%	>90%	>90%	>90%	>90%	>90%	>90%
Operating temperature range	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C	-10 to +50°C
Open circuit protected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Short circuit protected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reverse polarity protected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Optional switch	Push Switch	Push Switch	Push Switch	Push Switch	Rocker Switch	Pull Cord	N/A	N/A	N/A	N/A	N/A
Warranty period*	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Packaging	Full colour retail carton	Full colour retail carton	Full colour retail carton	Full colour retail carton	Plain carton	Protective wrap	Plain carton	Plain carton	Plain carton	Plain carton	Plain carton
Packed dimensions (mm)	350x80x50	350x80x50	350x80x50	350x80x50	440x90x40	675x75x40	130x130x262	420x160x170	420x160x170	420x160x170	420x160x170
Packed weight (Kg)	0.3	0.3	0.3	0.3	0.32	0.6	0.9	2	2	2	2
Order multiple	50	50	50	50	100	50	16	2	2	2	2
Replacement lamp specifications <i>CFLs are 4 pin</i>	Sollatek 68507806 Philips 7PLS84 Osram DSE784 GE F7BX/840 Sylvania SE7W/840	Sollatek 68509807 Philips 9PLS84 Osram DSE984 Sylvania SE9W/840	Sollatek 68511808 Philips 11PLS84 Osram DSE1184 GE F9BX/840 Sylvania SE11W/840	Sollatek 68518602 Philips 18PLL84 Osram DL1884 GE F11BX/840 Sylvania L18W/840	Sollatek 68708802 Philips TL833 Osram L820 GE F18BX/840 Sylvania F8W/133	Sollatek 68718802 Philips TLD1833 Osram L1820 GE F8W/33 Sylvania F18W/133	Sollatek 68518604 Philips 18PLC84 Osram DDE 184 GE F18W/33 Sylvania DE18W/840	Sollatek 68518602 Philips 18PLL84 Osram DL1884 GE F18DBX/840 Sylvania L18W/840	Sollatek 68536802 Osram DF3684 Sylvania F36W/840 GE F18BX1840	Sollatek 68518610 Philips 18SOXE Osram SXE26	Sollatek 68526610 Philips 26S OXE Osram SXE26 GE SOX26E

* excludes lamp



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ISO9001: 2000 accredited company



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TWO YEAR WORLDWIDE WARRANTY (subject to terms and conditions).

Sollatek™
solar systems