

PHILIPS

Solar Lighting

A world powered by the sun

Philips Essential SmartBright
Solar Lighting series

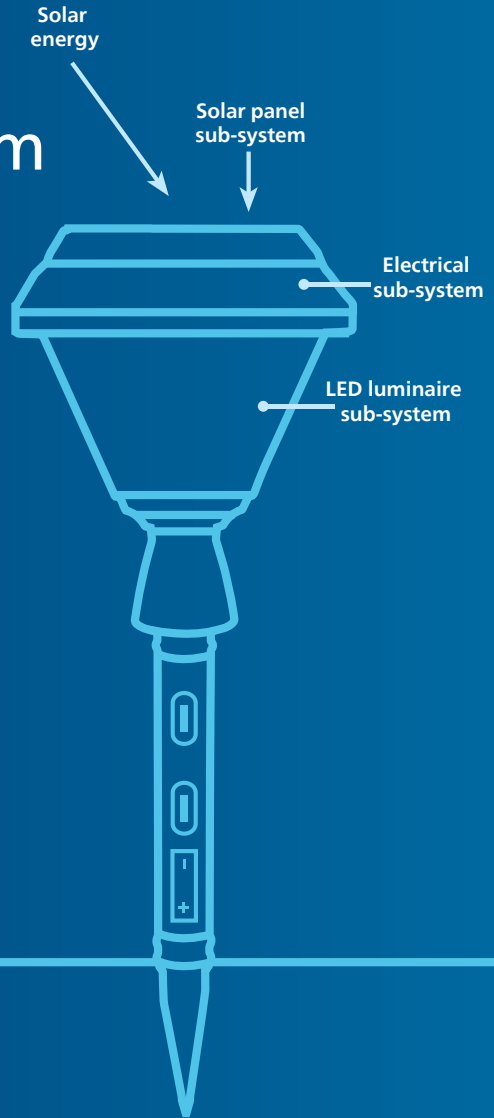
innovation  you





How a solar lighting system works?

When the sun shines during the day, the solar panel converts solar energy to electrical energy and stores it in the battery.



Solar lighting is sustainable, green and clean



Enhanced sustainability potential



Significant energy savings



Low maintenance



No cables



Safer, no risk of electrical hazards



Increased sense of safety and security



Easy to install



Zero electricity bill

Philips range of solar lighting solutions

Solar lighting, apart from being free and renewable, has several other benefits. Philips range of solar lighting solutions brings light to areas without access to electric grid. The sturdy and durable Philips solar lighting range not only saves energy and is environment-friendly, but also preserves the landscape as no trenching for cabling is required in them.



Bollard light (Big)



Bollard light (Small)



Bollard spike light



Wall light



Garden spike spot



Gate top light



Flame light
Indoor suspended light



Solar Pathway Light



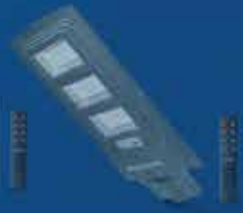
Solar Deck Light



Solar String Light



Flood light



Street light

Philips Essential SmartBright Solar Wall Light



Integrated Solar Wall Light

Outdoor solar wall light with inbuilt lithium ferro phosphate battery, solar panel, inbuilt motion sensor, switch to change modes and LED light integrated in ABS plastic housing.



Eco-friendly

Completely powered by solar energy
Motion sensors to optimize battery and light requirements



Robust

IP54 rated ABS plastic housing
LiFePO₄ battery included inside the luminaire
Easily configurable as per consumer needs



Installer friendly

DIY easy installation
All-in-one construction, can be installed on a wall
No wiring required

Specifications	BWS010 LED50/765	BWS010 LED100/765	BWS010 LED300/765
System wattage	0.5W	1W	3W
System efficacy (lm/W)	100	100	100
Lumen output (lm)	50	100	300
Housing	ABS		
Color temperature (k)	6500k		
CRI	>70		
IP rating	IP54		
Mounting	Wall		
Interface	On-board mode switch		

Philips Essential SmartBright Solar Flood Light



Solar Flood Light

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, remote control and installation accessories included. IP65 ABS plastic construction for sturdiness and long life.



Eco-friendly

Requires no electricity
Environment-friendly lithium battery
Durable and long lasting



Installer friendly

DIY installation -
All components in one box
Mounting accessories included



Configurable

Easily configurable
as per consumer needs

Specifications	BVC080 LED6/765	BVC080 LED9/765	BVC080 LED15/765
System wattage	4W	6W	10W
System efficacy (lm/W)	150	150	150
Lumen output (lm)	600	900	1500
Housing	ABS		
Color temperature (k)	6500k		
CRI	>70		
IP rating	IP65		
Cover	Diffuser-polycarbonate		
Mounting	Wall		
Mains voltage	3.2V		
Connectivity	IR remote		

Philips Essential SmartBright Solar All-in-one Streetlight



Roads and Streets



Garden

Integrated Solar Streetlight

Integrated solar streetlight with lithium ferro phosphate battery, solar panel, charger built in the luminaire, optional pole mounting bracket and microwave-based motion sensor for optimizing battery autonomy.



Highly efficient

High lumen efficacy of upto
160 lm/W
Saves energy



Configurable

Easy configurability
Remote control for
selecting lighting profile



Installer friendly

Easy to install
No trenching for
cabling required

Specifications	BRC010 LED10/765	BRC010 LED20/765	BRC010 LED40/765
System wattage	7.3W	15.2W	24.7W
System efficacy (lm/W)	>135	>130	>160
Lumen output (lm)	1000	2000	4000
Housing	ABS		
Color temperature (k)	6500k		
CRI	>70		
IP rating	IP65		
Mounting	Available in two mounting options - pole and wall mounting		
Sensor	Microwave motion sensor		
Interface	Infrared remote control to dim luminaires with presets like 2H, 4H, 6H and auto		

Philips Essential SmartBright Solar Bollard (Big)



Solar Bollard Light (Big)

Solar-powered Bollard (Big) lights are ideal to light up and beautify your gardens and provide both safety and style to outdoor walkways and spaces. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



300 lumen
3000k CCT



600mm



Remote for dimming
to operate up to
3 hours - 6 hours - >9 hours

Philips Essential SmartBright Solar Bollard (Round-Small)



Solar Bollard Light (Round-Small)

Solar-powered Bollard (Small, Round) lights are ideal to light up and beautify your gardens and provide both safety and style to outdoor walkways and spaces. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen
3000k CCT



300mm



Remote for dimming
to operate up to
3 hours - 6 hours ->9 hours

Philips Essential SmartBright Solar Bollard (Square-Small)



Solar Bollard Light (Square-Small)

Solar-powered Bollard (Small, Square) lights are ideal to light up and beautify your gardens and provide both safety and style to outdoor walkways and spaces. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen
3000k CCT



300mm



Remote for dimming
to operate up to
- 3 hours - 6 hours - >9 hours

Philips Essential SmartBright Solar Bollard Spike (Round)



Solar Bollard Spike Light (Round)

Solar-powered Bollard Round Spike lights are ideal to light up and beautify your gardens and provide both safety and style to outdoor walkways and spaces. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen
3000k CCT



500mm



Remote for dimming
to operate up to
- 3 hours - 6 hours - >9 hours

Philips Essential SmartBright Solar Bollard Spike (Square)



Solar Bollard Spike Light (Square)

Solar-powered Bollard Round Spike lights are ideal to light up and beautify your gardens and provide both safety and style to outdoor walkways and spaces. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen
3000k CCT



500mm



Remote for dimming
to operate up to
3 hours - 6 hours ->9 hours

Philips Essential SmartBright Solar Garden Spike Spot



Gardens



Parks

Solar Garden Spike Spot

Solar-powered Garden Spike Spot lights are ideal to light up and are a great idea for decorating your garden, patio, lawn, driveway, and walkways. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment
friendly



Safer than AC



Less dependence
on grid



Easy
installation



Inbuilt panel,
battery, CC



100/300 lumen
3000k CCT



500mm



Remote for dimming
to operate up to
3 hours - 6 hours ->9 hours

Philips Essential SmartBright Solar Gate Top Light (Square)



Solar Gate Top Light (Square)

Solar-powered Gate Top lights are ideal to illuminate gates, pillars and driveways. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen
3000k CCT



213mm



Remote for dimming
to operate up to
3 hours - 6 hours ->9 hours

Philips Essential SmartBright Solar Gate Top Light (Round)



Solar Gate Top Light (Round)

Solar-powered Gate Top lights are ideal to illuminate gates, pillars and driveways. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment
friendly



Safer than AC



Less dependence
on grid



Easy
installation



Inbuilt panel,
battery, CC



200 lumen
3000k CCT



213mm



Remote for dimming
to operate up to
3 hours - 6 hours ->9 hours

Philips Essential SmartBright Solar Up and Down Wall Light



Wall lights



Wall lights

Solar Up and Down Wall Light

Solar-powered Up and Down Wall lights are ideal to lend a comfortable ambience to your exteriors. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



100 lumen
3000k CCT



213mm



3-4 hours
back up

Philips Essential SmartBright Solar Flame Light



Gardens



Lawns

Solar Flame Light

Solar-powered Flame light is a safe alternative to the real 'flames' effect, bringing to you a different sense of beauty. Smart and stylish, these lights can easily be installed in areas with access to sunlight. They require almost negligible maintenance, consume less power and last long.



Environment
friendly



Safer than AC



Less dependence
on grid



Easy
installation



ABS housing



Lithium battery
included



zpanel
included



Waterproof

Philips Essential SmartBright Solar Indoor Suspended Lamp



Solar Indoor Suspended Lamp

Solar-powered Indoor Suspended Lamp is ideal to light up and beautify your homes with pre-set lighting modes. Smart and stylish, they require almost negligible maintenance, consume less power and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



ABS housing



Lithium battery included



700 lumen
6500k CCT



Waterproof

Philips Essential SmartBright Solar Pathway Light



Garden

Solar Pathway Light

These solar-powered pathway lights have sensor-operated technology and an easily replaceable battery. Their modern-day, sleek look beautifies spaces such as an in-house garden, and their asymmetric throw helps to light up a wider area.



Unique lantern look



Best suited for pathways



Replaceable battery



Easy installation

Specifications	
Lumen	60 (w/ motion) / 6 (w/o motion)
CRI	> 70
CCT	3000k
Efficacy	130lm/w
Light Switch	Yes
Lighting Mode	>8 hrs. (full charged)
IP rating	IP44 (Outdoor rated)

Philips Essential SmartBright Solar Pathway Light



Solar Pathway Light

These solar-powered pathway lights have an elegant and unique lantern-like design that beautifies your outdoors, efficiently. Sleek in design, they are low on maintenance, high in sparkling guidance, and come with an easily replaceable battery.



Sensor
operated



Modern
look



Asymmetric
throw



Replaceable
battery

Specifications

Lumen	15
CRI	> 70
CCT	3000k
Efficacy	130lm/w
Light Switch	Yes
Lighting Mode	>8 hrs.
IP rating	IP44 (Outdoor rated)

Philips Essential SmartBright Solar Deck Light



Porch

Solar Deck Light

These deck lights exude simplicity and style. Their compact body is easily portable and their easy-going patterns are an elegant way to brighten and beautify an exterior wall or a porch.



Smart look



Compact



Light
pattern



Replaceable
battery

Specifications

Lumen	5
CRI	>80
CCT	3000k
Efficacy	130lm/w
Light Switch	Yes
Lighting Mode	>8 hrs. (full charged)
Battery Capacity	1.2v 600mAh
IP rating	Outdoor rated (IP44)

Philips Essential SmartBright Solar Deck Light



Solar Deck Light

These deck lights exude elegance and style. Their compact body is easily portable, and their candid wall-washing patterns are an efficient way to brighten, beautify and enhance the details of an exterior wall.



Smart look



Compact



Wall washer



Replaceable battery

Specifications

Specifications	
Lumen	10
CRI	>80
CCT	3000K
Efficacy	130lm/w
Light Switch	No
Lighting Mode	>8 hrs. (full charged)
Battery Capacity	1.2v 900mAh
IP rating	Outdoor rated (IP44)

Philips Essential SmartBright Solar Deck Light



Exterior wall

Solar Deck Light

These deck lights exude modesty in design and style. Their compact body is easily portable and their dynamic effects are an effective way to brighten and beautify any wall, interior, or exterior.



Smart look



Compact



Dynamic effect



Replaceable battery

Specifications

Lumen	10
CRI	>80 (at white)
CCT	RGBW (W : 3000k)
Efficacy	130lm/w
Light Switch	Yes
Lighting Mode	>8 hrs. (full charged)
Battery Capacity	0.5 W
IP rating	Outdoor rated (IP44)

Philips Essential SmartBright Solar String Light-white



Outdoor

Solar String Light-white

These lights are your first pick for decorating any space. They are easy to handle, mellow in look, and high on coverage. These white fairy lights create a soothing ambiance and also support affordable decor.



Cool
effect



Outdoor
rated



DIY
installation

Specifications	
CRI	70
CCT	3000
IP rating	IP65

Philips Essential SmartBright Solar String Light-colorful



Outdoor

Solar String Light-colorful

These lights are your first pick for decorating any space. They are easy to handle, vibrant in look, and high on coverage. These colorful fairy lights create a cheerful ambiance and also support affordable decor.



Bright
LEDs



Static
effect

Specifications	
CRI	70
CCT	3000
Working Temperature	0~50°C
IP rating	65

Ordering codes:

Type	WATTAGE	Lumen	CCT	New 12NC*	SAP Description	MRP
Wall Light	3W	300	6500k	911401838102	BWS010 LED300/765 IN	2500
Wall Light	1W	100	6500k	911401838202	BWS010 LED100/765 IN	1950
Wall Light	0.5W	50	6500k	911401838302	BWS010 LED50/765 IN	1200
Flood Light	10W	1500	6500k	911401838402	BVC080 LED15/765 IN	10500
Flood Light	6W	900	6500k	911401838502	BVC080 LED9/765 IN	7000
Flood Light	4W	600	6500k	911401838602	BVC080 LED6/765 IN	5750
Streetlight with bracket	24.7W	4000	6500k	911401838702	BRC010 LED40/765 kit IN	14500
Streetlight with bracket	15.2W	2000	6500k	911401838802	BRC010 LED20/765 kit IN	11000
Streetlight with bracket	7.3W	1000	6500k	911401838902	BRC010 LED10/765 kit IN	7900
Streetlight	24.7W	4000	6500k	911401839002	BRC010 LED40/765 IN	12800
Streetlight	15.2W	2000	6500k	911401839102	BRC010 LED20/765 IN	9800
Streetlight	7.3W	1000	6500k	911401839202	BRC010 LED10/765 IN	6700
Bollard Round Large	2.2W	300	3000k	911401839302	BGC010 LED3/730 RL IN	5100
Bollard Round Small	1.5W	200	3000k	911401839402	BGC010 LED2/730 RS IN	4600
Bollard Square Large	2.2W	300	3000k	911401839502	BGC010 LED3/730 SL IN	5100
Bollard Square Small	1.5W	200	3000k	911401839602	BGC010 LED2/730 SS IN	4600
Round Spike	1.5W	200	3000k	911401839702	BGC010 LED2/730 R Spike IN	4050
Square Spike	1.5W	200	3000k	911401839802	BGC010 LED2/730 S Spike IN	4300
Indoor Suspended Lamp	6W	700	6500k	911401839902	SP010P LED7/765 IN	2700
Garden Spike Spot	2.1W	300	3000k	911401840002	BGC010 LED3/730 Spot IN	3100
Garden Spike Spot	0.75W	100	3000k	911401840102	BGC010 LED1/730 Spot IN	2700
Round Gate Top	2.1W	300	3000k	911401840202	BGC010 LED3/730 R Gate Top IN	4050
Square Gate Top	2.1W	300	3000k	911401840302	BGC010 LED3/730 S Gate Top IN	4050
Up-Down Wall Light	0.75W	100	3000k	911401840402	BWC010 LED1/730 IN	1900
Solar Flame Light 51 LEDs	0.5W	NA	3000k	919615899207	BGC010 51LED Solar Flame light	2299
Solar Flame Light 96 LEDs	0.88W	NA	3000k	919615899208	BGC010 96LED Solar Flame light	2499
Solar Pathway Light	0.48W	130	3000k	9114 018 55602	BGS015 LED/730 T5 IN	2500
Solar Pathway Light	0.5W	130	3000k	9114 018 55702	BGS015 LED/730 T6 S IN	2750
Solar Deck Light	04.W	130	3000k	9114 018 55802	BWC015 LED/730 T1 IN	1500
Solar Deck Light	0.5W	130	3000k	9114 018 55902	BWC015 LED/RGBW T2 IN	3100
Solar Deck Light	0.36W	130	3000k	9114 018 56002	BWC015 LED/730 T3 IN	1400
Solar String Light white	0.2W	NA	3000k	9114 018 56202	XGCC015 LED/730 IN	2200
Solar String Light colorful	0.2W	NA	3000k	9114 018 56102	XGC015 LED/RGBW IN	1950

FAQs:

1. Q : What if it rains? Will solar lights work?

Yes. As long as the battery is charged. Please note, the rainy conditions may not last throughout the day, and even overcast sky can have solar irradiance which can charge batteries.

2. Q : What would be light output with dimming profile as 3 modes are given?

Dimming profiles are inbuilt in solar luminaires to ensure optimized energy use. Refer MI sheet of trade product, there are dimming profiles which can be set either with remote or on-board selector switch.

3. Q : What is Solar Irradiation?

Solar irradiation is energy available from sun which can be harnessed through solar panel. Standard solar irradiation is measured as 1000W/m². Solar irradiance varies throughout the day from dawn to dusk and it is measured in terms of peak sun-hours. E.g. 4 peak sun-hours mean 4 hours of standard solar irradiance available in any given day.

4. Q : What is Autonomy? How do we define this?

Autonomy or back-up is defined as the number of hours a solar luminaire can run without the battery being charged. E.g. 1 self-support night autonomy means the battery should be able to run the luminaire for 1 night (12 hours) without being charged.

5. Q : Is the material outdoor-rated?

Yes, we have ABS plastic which is suitable for outdoor usage.

6. Q : As the battery is inside the luminaire, how safe is the product?

Battery is completely safe, as it comes with over-voltage, under-voltage and other protections through battery management system.

7. Q : What all extra accessories are required for installation?

It is a complete do-it-yourself range of products which can be easily installed without any special accessories.

8. Q : Are the components (Panel/Battery/LEDs) replaceable?

Products are back-to-back warranted for any failure within 1 year.

