

**PHILIPS**

Solar Lighting

# A world powered by the sun

**Philips Essential SmartBright  
Solar Lighting series**

innovation  you



# 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.



# 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

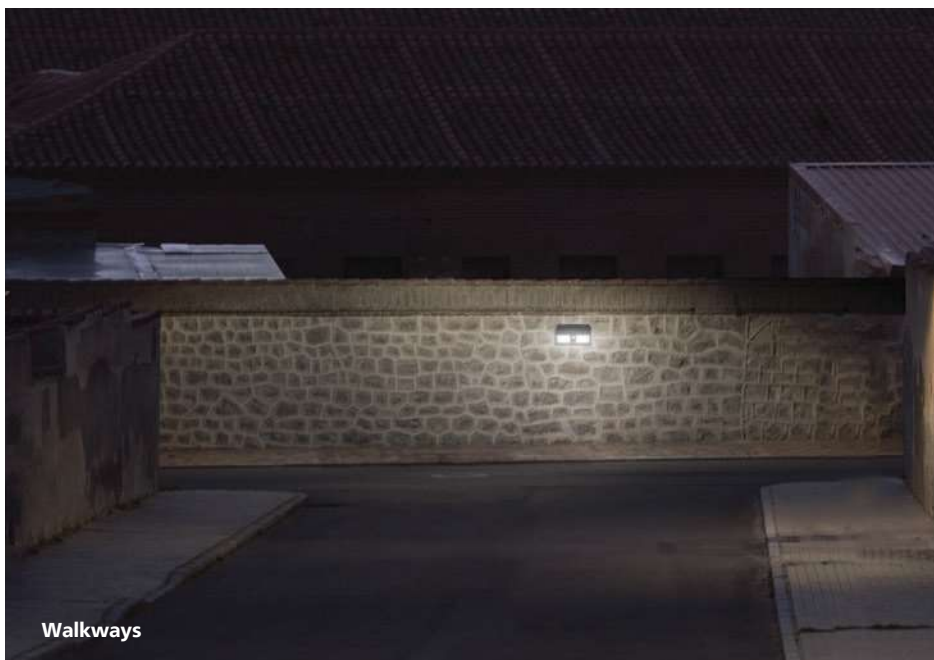


Easy to install



Zero electricity bill

# Philips 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.



## Outdoor Solar LED Wall Light



### 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



# DIY flood lighting

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.



## Configurable and easy-to-operate



### 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 and charger built into the luminaire. Optional pole mounting bracket. Microwave-based motion sensor for optimizing battery autonomy.



## Affordable integrated solar street lighting



### Highly efficient

High lumen efficacy of upto 160 lm/W Saves energy



### Configurable

Easy configurability  
Remote control for selecting lighting profile

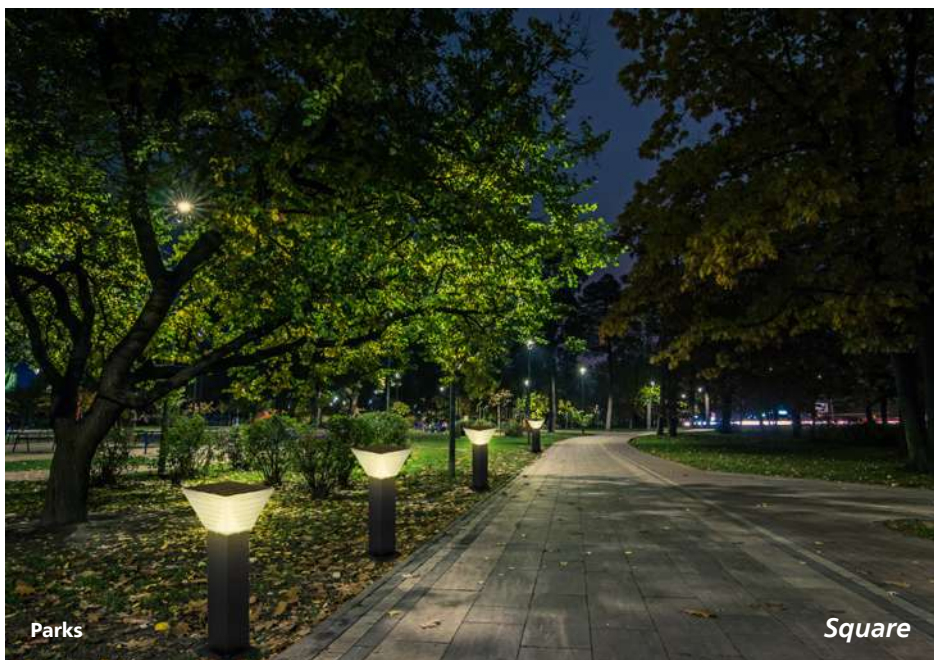


### Installer friendly

Integrated solar streetlight with lithium ferro phosphate battery, solar panel and charger built into the luminaire  
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



# Philips Bollard Solar light (Big)

Solar powered Bollard (Big) lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption 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



# Philips Bollard Square Round light (Small)

Solar powered Bollard Round (Small) lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen  
3000K CCT

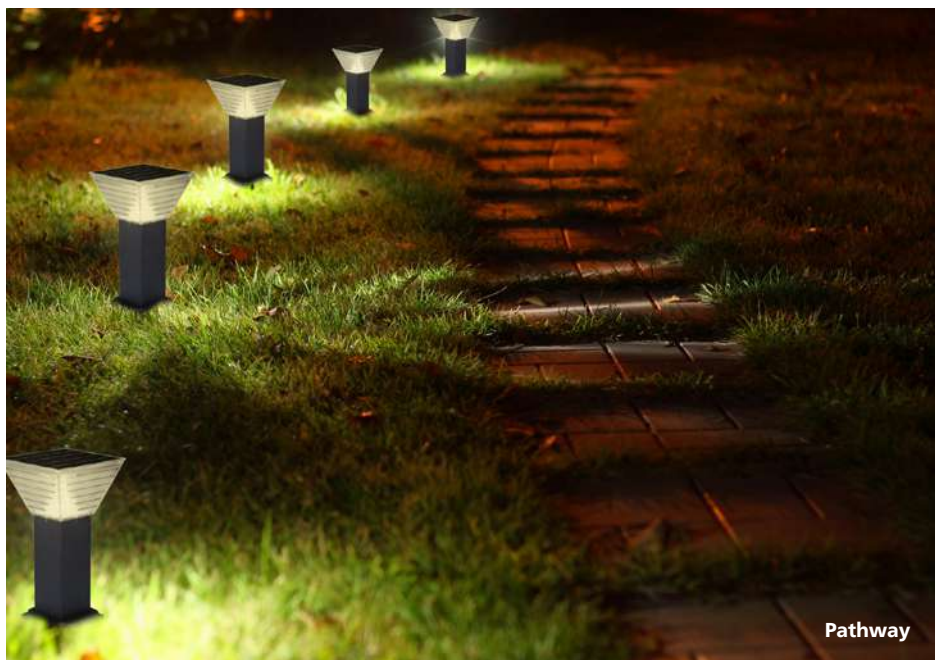


300mm



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

# Philips Essential SmartBright Solar Bollard



# Philips Bollard Square Solar light (Small)

Solar powered Bollard Square (Small) lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption 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



# Philips Bollard Round Spike Solar light

Solar powered Bollard Round Spike lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption 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



# Philips Bollard Square Spike Solar light

Solar powered Bollard Square Spike lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption 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



# Philips Garden Spike Spot

Solar powered Bollard Square Spike lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption 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



Entrance Areas



Entrance Areas

# Philips Gate Top Square Solar light

Solar powered Gate Top lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption and last long.



Environment friendly



Safer than AC



Less dependence on grid



Easy installation



Inbuilt panel, battery, CC



200 lumen  
3000 CCT



213mm



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

# Philips Essential SmartBright Solar



# Philips Gate Top Round Solar light

Solar powered Gate Top lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption and last long.



Environment  
friendly



Safer than AC



Less dependence  
on grid



Easy  
installation



Inbuilt panel,  
battery, CC



200 lumen  
3000 CCT

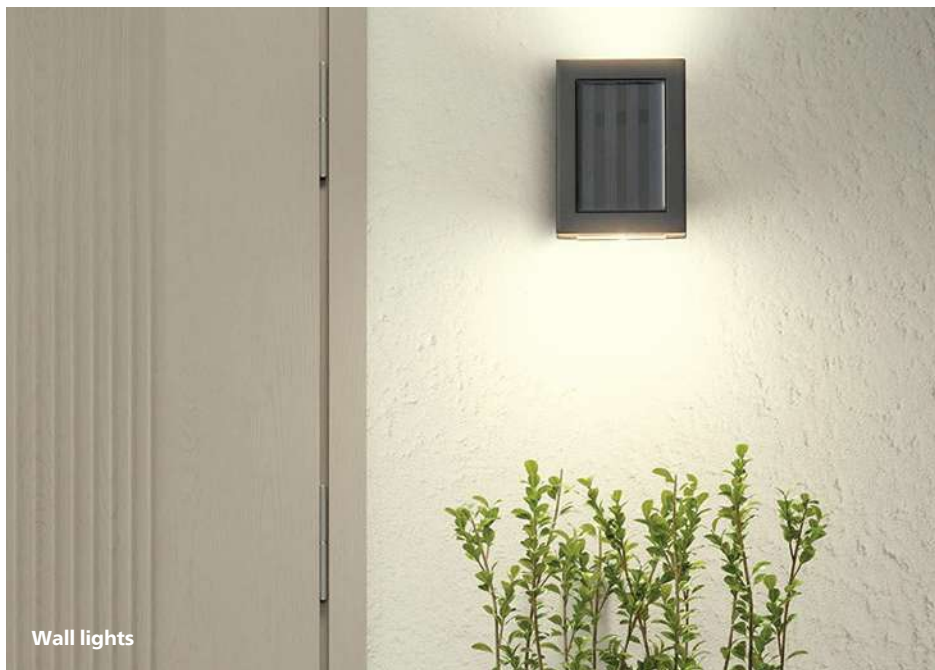


213mm



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

# Philips Essential SmartBright Solar



Wall lights



Wall lights

# Philips Up and Down Solar Wall light

Solar powered Gate Top lights are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption and last long.



Environment  
friendly



Safer than AC



Less dependence  
on grid



Easy  
installation



Inbuilt panel,  
battery, CC



100 lumen  
3000 CCT



213mm



3-4 hours  
back up

# Philips Essential SmartBright Solar



# Philips Solar Flame Light

Solar powered Flame light are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption and last long.



Environment  
friendly



Safer than AC



Less dependence  
on grid



Easy  
installation



ABS housing



Lithium  
battery  
included



PV panel  
included



Waterproof

# Philips Essential SmartBright Solar



Balcony



Cottage

# Philips Solar Indoor Suspended

Solar powered indoor suspended light are ideal to light up your homes and gardens and meet all your professional requirements. Smart and stylish, these lights can easily be installed with access to sunlight. They require almost negligible maintenance, low power consumption and last long.



Environment  
friendly



Safer than AC



Less dependence  
on grid



Easy  
installation



ABS housing



Lithium  
battery  
included



700 lumen  
6500K CCT



PV panel  
included



Waterproof

# 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

## FAQs:

### 1. Q: What if it rains ? will Solar light 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/m<sup>2</sup>. Solar irradiance varies throughout the days 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 how many 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 overvoltage, undervoltage 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 product. Which can be easily installed without any special accessories.

### 8. Q: Is the component ( Panel/Battery/ LEDs) replaceable ?

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

