



# Outdoor Solar Multiapplication light

## Essential SmartBright Solar Compact

Outdoor solar compact with inbult lithium battery and PV panel, inbuilt motion sensor, button switch to change the working modes and LED luminaire integrated in ABS plastic housing.

#### Benefits

- DIY easy installation
- No wiring required
- Suitable for outdoor installation
- Motion sensor to optimize battery and light requirements
- Easily configurable

#### Features

- $\cdot$  All in one design
- $\cdot$  PIR motion sensor to detect motion and optimize battery life
- $\cdot$  Bracket angle and LED module angle can be adjustable
- $\cdot$  Multiple installation ways
- $\cdot$  Completely powered by solar energy
- $\cdot$  IP65 and ABS plastic housing

#### Application

- Garden
- Landscape
- $\cdot$  Courtyard
- Amenity
- $\cdot$  Camping
- Security
- $\cdot$  Pathways
- Patio

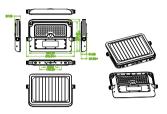
## Essential SmartBright Solar Compact

#### Warnings and Safety

- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the sunlight for charging the battery
- Charge the product under sunlight for 8 hours before first use.

#### Dimensional drawing





Light Technical				
Color rendering index (CRI)	70			
Operating and Electrical				
Battery ampere hour	3 Ah			
Battery charging & discharging cycles	500			
Battery type	Li-ion			
Charge controller type	PWM			
Grid connection type	Off grid			
Panel type	Mono crystalline			
Controls and Dimming				
Dimmable	Preset Dimming			
Configurability	Not configurable			
Solar dimming profile	Motion sensor			
	dimming			
Mechanical and Housing				
Battery location	Inbuilt luminaire			
Housing Color	Black			
Ingress protection code	IP65			
Approval and Application				
Ambient temperature range	0 to +45 °C			

#### Light Technical

-		
Order Code	Full Product Name	Correlated Color Temperature (Nom)
911401886902	BVS010 LED10/765 Solar	6500 K
911401887102	BVS010 LED10/730 Solar	3000 K
911401886802	BVS010 LED5/765 Solar	6500 K
911401887002	BVS010 LED5/730 Solar	3000 K

#### **Operating and Electrical**

		Battery	Panel peak	
Order Code	Full Product Name	voltage	wattage	Panel voltage
911401886902	BVS010 LED10/765 Solar	7.2 V	5.5 W	11 V
911401887102	BVS010 LED10/730 Solar	7.2 V	5.5 W	11 V

		Battery	Panel peak	
Order Code	Full Product Name	voltage	wattage	Panel voltage
911401886802	BVS010 LED5/765	3.6 V	2.3 W	5 V
	Solar			
911401887002	BVS010 LED5/730	3.6 V	2.3 W	5 V
	Solar			

### Essential SmartBright Solar Compact

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width	Order Code	Full Product Name	Overall height	Overall length	Overall width
911401886902	BVS010 LED10/765 Solar	37.4 mm	313.9 mm	211.3 mm	911401886802	BVS010 LED5/765 Solar	33.68 mm	231.9 mm	149.62 mm
911401887102	BVS010 LED10/730 Solar	37.4 mm	313.9 mm	211.3 mm	911401887002	BVS010 LED5/730 Solar	33.68 mm	231.9 mm	149.62 mm



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