# Philips Deco Solar trade range

Solar product management

# Philips Deco Solar



### Customer insight:

- DIY is the increasing trend. Customer want to buy online or in shop and install themselves
- Customers are increasingly interested about Green and clean energy.
- Wall lights are trendy for homes, gardens etc.
- Easy to install outdoors without making any changes in wiring.
- Light on demand on motion on gates.



**Application Area's**: Amenity/ Security/ Landscape/ Parking

## Key specifications

- Flood light – 600, 900, & 1500 Lumens
    - 150 Lm / W Efficacy, 25k Hrs LED.
    - 5Ah, 5 Ah, & 10 Ah 3.2 V Battery
    - 5W, 7W, 10 W Solar Panel
    - IP 65 Rated and IR remote
- Wall light – 50, 100, & 300 Lumens
    - Upto 120 Lm/W
    - 0.8Ah, 1.2Ah, & 2 Ah 3.7V Lithium NMC
    - IP 42 Battery
- Common Specifications : Housing : Plastic, CRI > 70, CCT 6500K

## Claim / USP / Differentiator / Key benefit:

Specifications and warranty will be assured.

Deliver the right lumen output and autonomy..

Customer will be assured of the right brightness.

## Reasons to Believe

- *Philips is the most trusted brand*
- *Proper solar sizing of components to ensure output and autonomy.*
- *Customer can compare the brightness against familiar light*.

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# DecoFlood
# Solar Flood Light

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# DecoFlood Solar Flood Light
## Closer look



**Polycrystalline PV panel**

**Infra Red remote**

**Bright LED board**
**600, 900, & 1500 lumens**

**Inbuilt Lithium battery**

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# Technical specifications

| Item | BVx080 LED6/765 | BVx080 LED9/765 | BVx080 LED15/765 |
|---|---|---|---|
| Lumen output (typ.Avg) (lm) | 600 lm ±10% | 900 lm ±10% | 1500 lm ±10% |
| Output power and current | 4W/1.38A | 6W/2.07A ; | 10W/3.45A |
| Efficacy | 150 lm/W | 150 lm/W | 150 lm/W |
| Battery Capacity | 3.2V 5000mAH | 3.2V 5000mAH | 3.2V 10000mAH |
| PV Panel Power | 5W 5V | 7W 5V | 10W 5V |
| PV Panel Size(mm) | 240*188*17 | 350*190*17 | 350*235*17 |
| CRI | >70 | | |
| CCT | 6500K ±10% | | |
| Controller | PWM | | |
| Battery Type | 32650, LiFePO4 | | |
| Battery Cycle Life | 500 cycles | | |
| PV Panel Type | Poly Crystalline | | |
| Housing material | ABS | | |
| Reflector/lens material (LG) | ABS | | |
| Cover material (Diffuser) | PC | | |
| IPxx | IP65 | | |
| Salt spray | 100hrs | | |
| Mounting | Wall | | |
| Color | Cool Grey | | |
| Operating temperature range (℃) | 0~45℃ | | |
| ta (℃) | 25℃ | | |
| Operating relative humidity range (%) | RH(0~90%) | | |
| Lifetime LED | 25000hrs | | |
| Warranty  ( 0.5 yrs for transportation and stock) | 1year | | |
| Approbation | No | | |
| Accessories | Bracket, Screws, Remote Controller (exclude 2x AAA battery) | | |

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# DecoFlood Solar
## Dimensions and Installation



moment of torsion less than 5NM
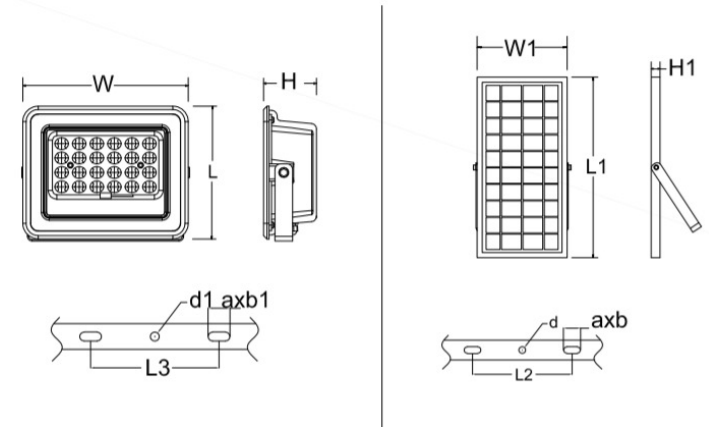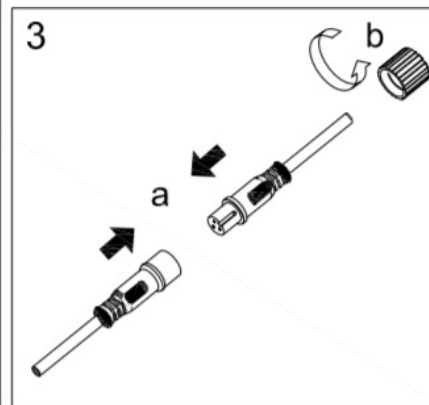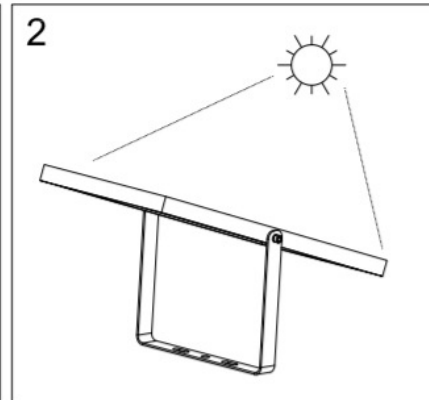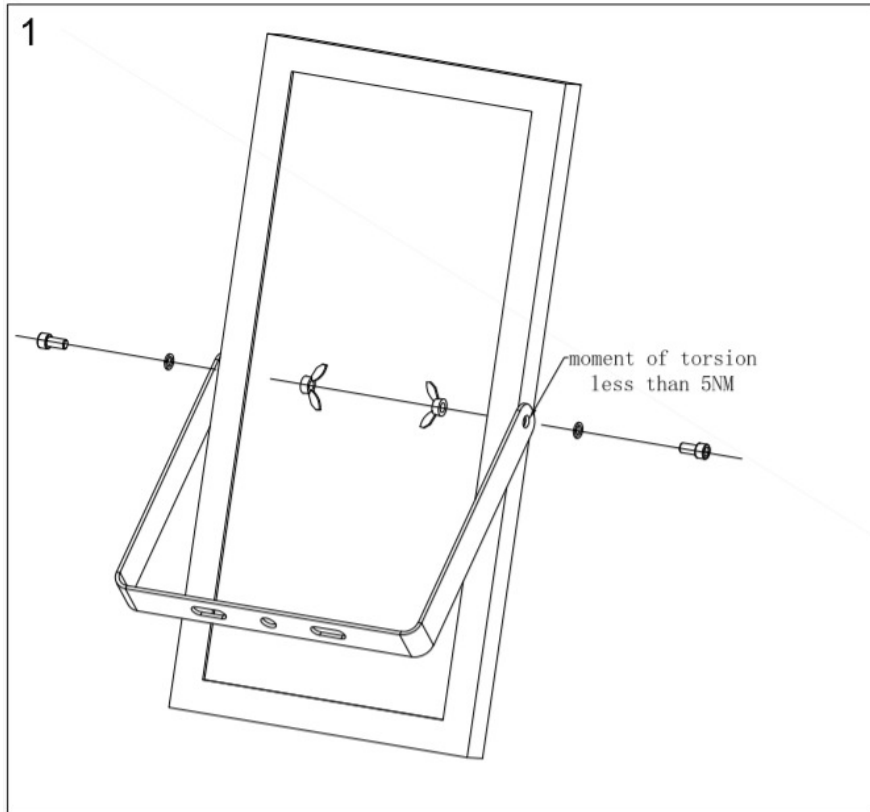
| TYPE | W | L | H | W1 | L1 | H1 |
|------|-----|-----|----|-----|-----|----|
| 600lm | 150 | 120 | 48 | 175 | 240 | 17 |
| 900lm | 183 | 143 | 48 | 175 | 350 | 17 |
| 1500lm | 220 | 170 | 53 | 235 | 350 | 17 |

| TYPE | L2 | d | axb | L3 | d1 | axb1 |
|------|----|-----|--------|-----|------|---------|
| 600lm | 70 | 8.5 | 7.5x20 | 68 | 8.5 | 8x22 |
| 900lm | 70 | 8.5 | 7.5x20 | 68 | 8.5 | 8x22 |
| 1500lm | 70 | 8.5 | 7.5x20 | 102 | 10.5 | 10.5x40 |

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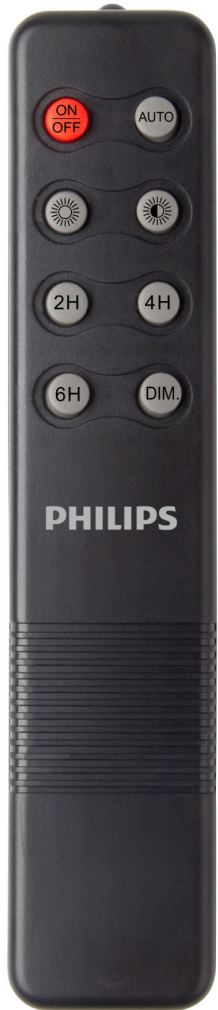
**Remote Function:**

- **On/Off:** Wake up(On) /Sleep(Off)— Wake up the luminaire with last used working mode. Putting the luminaire under sunlight will also wakeup the luminaire, to force Luminaire to sleep during daytime, please disconnect the Solar panel first.
- **Auto:** Luminaire will detect sunset and automatically turn ON at 40% intensity for first 0.5 hour, 20% output for next 3 hours, 10% output for rest of the night or until battery low.
- **Full:** Luminaire will detect sunset and automatically turn ON at 100% intensity, until battery low.
- **Partial:** Luminaire will detect sunset and automatically turn ON at 20% intensity, until battery low.
- **2H:** Luminaire will detect sunset and automatically turn ON at 100% intensity for first 1 hour, 50% output until battery low. Indicatively in 2 Hours on a full battery
- **4H:** Luminaire will detect sunset and automatically turn ON at 70% intensity for first 1 hour, 30% output until battery low. Indicatively in 4 Hours on a full battery
- **6H:** Luminaire will detect sunset and automatically turn ON at 50% intensity for first 1 hour, 20% output until battery low. Indicatively in 6 Hours on a full battery
- **Dim:** Luminaire will detect sunset and automatically turn ON at 40% intensity for first 0.5 hour, 20% output for next 3 hours, 10% output until battery low.
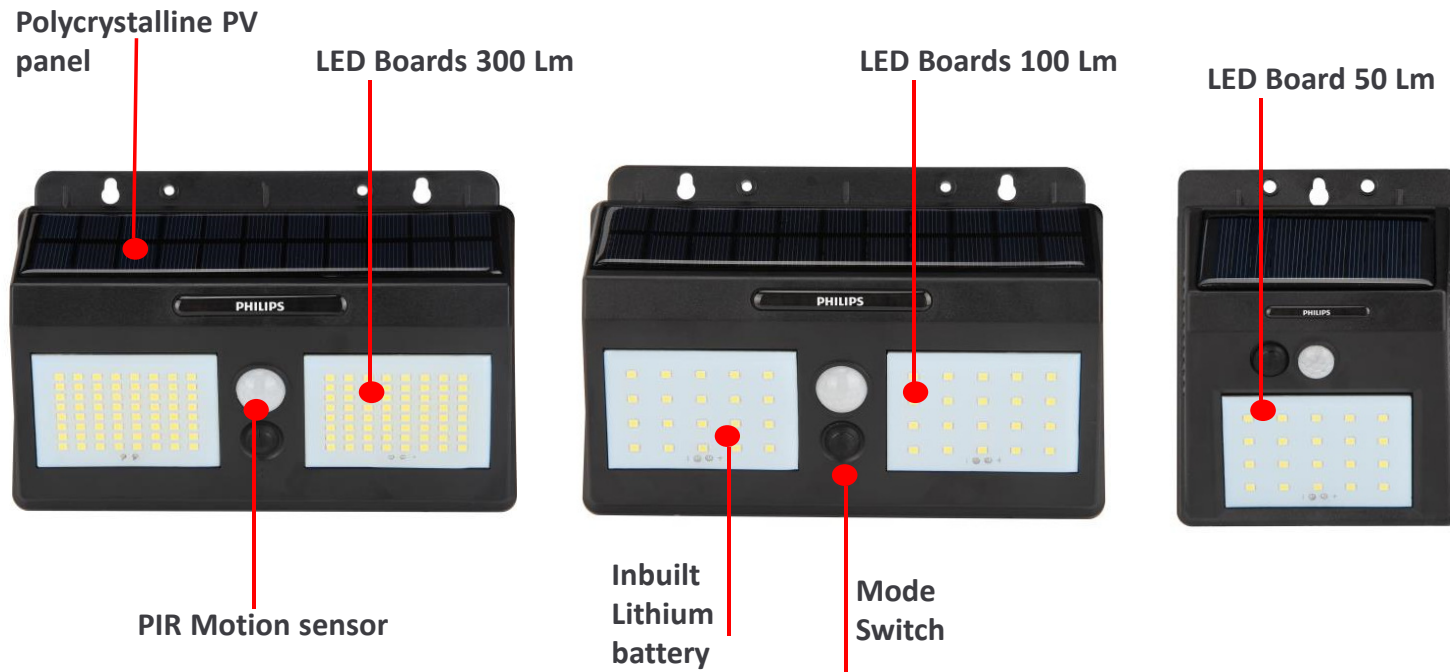
Notes :
- Before installation, press the mechanical switch button on the luminaire for 2 seconds to activate the lamp, this will bring out the luminaire from sleep and activate remote functions
- To force Sleep mode ( Say for storage purpose), press the physical button for 2 seconds.
- The factory default working mode of lamps is AUTO
- LED indication on lamp: Red on(Charging), Green Flash(Motion sensor active)

# DecoWall
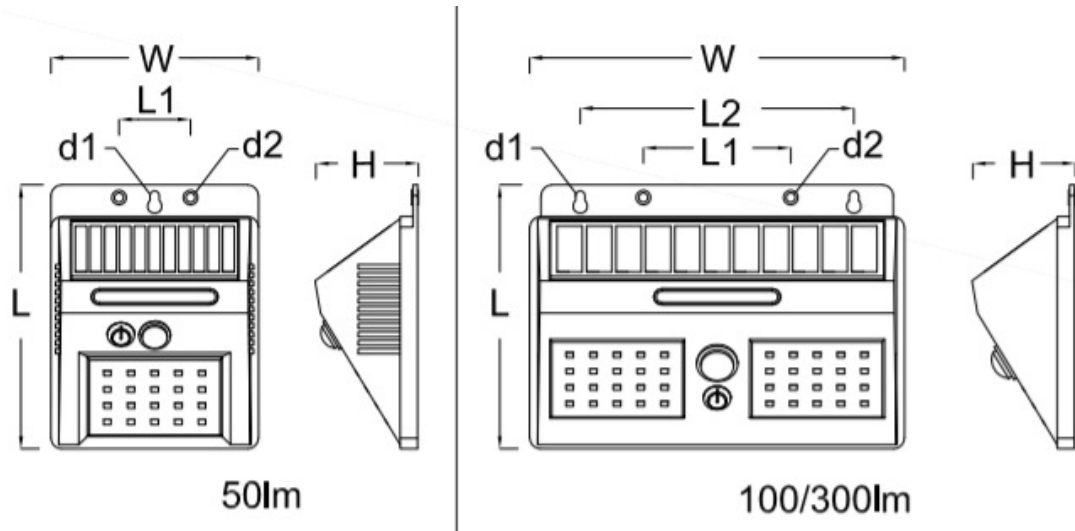# Solar Wall Light

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# DecoWall Solar wall light
## Closer look



**Polycrystalline PV panel**

**LED Boards 300 Lm**

**LED Boards 100 Lm**

**LED Board 50 Lm**

**PIR Motion sensor**

**Inbuilt Lithium battery**

**Mode Switch**

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# DecoWall Solar wall light
## Dimensions



| TYPE | W | L | H |
|------|-----|-----|-----|
| 50lm | 99 | 125 | 52 |
| 100lm | 178 | 125 | 54 |
| 300lm | 178 | 125 | 54 |

| TYPE | L1 | L2 | d1 | d2 |
|------|-----|-----|-----|-----|
| 50lm | 34 | | 4.5 | 4.5 |
| 100lm | 70 | 113 | 4.5 | 4.5 |
| 300lm | 70 | 113 | 4.5 | 4.5 |

Toggle mode button

Mode :1 – 100% light output when motion detected, Lights off when motion not detected
Mode :2 – 100% light output with motion detected, 10% light output when motion not detected
Mode :3 – 10% light output. Motion sensor disabled.
Mode :4 – Always off.

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# Technical specifications

| Item | BWx010 LED50/765 | BWx010 LED100/765 | BWx010 LED300/765 |
|---|---|---|---|
| Lumen output (typ.Avg) (lm) | 50 lm ±10% | 100 lm ±10% | 300 lm ±10% |
| Output power and current | 0.32W/100mA | 0.65W/200mA | 3W/810mA |
| Efficacy | > 120 lm/W | > 120 lm/W | 100 lm/W |
| Battery Capacity | 3.7V 800mAH | 3.7V 1200mAH | 3.7V 2000mAH |
| PV Panel Power | 0.5 W | 0.75 W | 1.3 W |
| CRI | >70 | | |
| CCT | 6500K ±10% | | |
| Controller | PWM | | |
| Sensor | PIR Motion Sensor | | |
| Sensor Delay time | 18 Seconds | | |
| Battery Type | 3.7 V NMC | | |
| Battery Cycle Life | 500 cycles | | |
| PV Panel Type | Poly Crystalline | | |
| Housing material | ABS | | |
| IPxx | IP42 | | |
| Mounting | Wall | | |
| Color | Black | | |
| Operating temperature range (℃) | 0~45℃ | | |
| ta (℃) | 25℃ | | |
| Operating relative humidity range (%) | RH(0~90%) | | |
| Lifetime LED | 25000hrs | | |
| Warranty  ( 0.5 yrs for transportation and stock) | 1year | | |
| Approbation | No | | |

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# Commercial – Ordering data

| Product Description | Commercial Name | RCP | 12NC | MOQ | Brand |
|---|---|---|---|---|---|
| BVx080 LED6/765 | DecoFlood Solar Floodlight | 145.35 | TBA | 200 | Philips |
| BVx080 LED9/765 | DecoFlood Solar Floodlight | 181.35 | TBA | 200 | Philips |
| BVx080 LED15/765 | DecoFlood Solar Floodlight | 265.00 | TBA | 200 | Philips |
| BWx010 LED50/765 | DecoFlood Solar Wall light | 29.00 | TBA | 500 | Philips |
| BWx010 LED100/765 | DecoFlood Solar Wall light | 46.00 | TBA | 500 | Philips |
| BWx010 LED300/765 | DecoFlood Solar Wall light | 61.00 | TBA | 500 | Philips |

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