KITT 6W black Solar LED Wall Light

Product codes:

Reference: KITT-N-6W

Product features:

Power (W): 6
Color temperature CCT: 3000K
Color temperature CCT: 4000K
LED: SMD2835
Brightness (Lm): 800
CRI: +80
Colour: Black
IP: IP65
IK: IK06
Luminous angle: 120º
Measures (mm): 230x97x43mm
Material: ABS
Operating temperature: -20ºC ~ +40ºC
Energy efficiency 2023: A
Certification: CE - RoHS
Warranty: 3 años

Product attributes:

Color temperature CCT (ºK): Warm white 3000K, Natural white 4000K

Product description:

Solar LED Wall Light KITT Solar LED Wall Light KITT, 6W power, 800 lumens, available in 3000K and 4000K, with SMD2835 LED chip, integrated 11.1Wh battery, and 2.8W monocrystalline solar panel.

The Solar LED Wall Light KITT offers 6W of power and 800 lumens of brightness, with color temperatures of 3000K and 4000K. Equipped with an SMD2835 LED chip and an integrated 11.1Wh battery, as well as a 2.8W monocrystalline solar panel. Made of ABS + PC, this light features a 120º light optic and an IP65 rating, ideal for outdoor use. Dimensions: 230x97x43mm. Includes dusk and motion PIR sensor with three working modes.

Integrated PIR Sensor

The integrated PIR sensor in the Solar LED Wall Light KITT detects movement and offers three working modes:

Mode 1: Sensor

If the battery has >30% charge:
The lamp automatically turns on at night at 100% upon detecting motion, and after 20 seconds reduces to 5%.

Mode 2: Sensor

If the battery has 30% charge:
The lamp automatically turns on at night at 100% upon detecting motion, and after 20 seconds it will turn off.

Mode 3: Continuous Light

The lamp automatically turns on at night with a constant brightness of 50%.
After 5 hours, or when the battery charge is 30%, it will enter Power Saving Mode: upon detecting motion, it will turn on at 100%, and after 20 seconds of no activity, it will turn off.

Technical Specifications

- **Power:** 6W
- **Brightness:** 800 lumens
- **Color Temperature:** 3000K / 4000K
- **LED Chip:** SMD2835
- **Battery:** Integrated 11.1Wh
- **Solar Panel:** Monocrystalline 2.8W
- **Material:** ABS + PC
- **Light Optic:** 120⁰
- **IP Rating:** IP65
- **Dimensions:** 230x97x43mm

Advantages of Solar Lighting

Solar lighting offers several advantages, such as reducing electricity consumption and decreasing the carbon footprint. Additionally, being autonomous and not requiring connection to the electrical grid, it facilitates installation in remote areas. With a full sun charge between 5 and 8 hours, the Solar LED Wall Light KITT allows lighting in any of the 3 working modes for up to 12 hours, providing light throughout the night.

Installation Instructions and Recommendations

1. **Location:** Install the light in a place where it receives direct sunlight during the day to optimize battery charging.
2. **Mounting:** Use the provided screws and anchors to secure the light to the wall. Ensure it is well-secured.
3. **Orientation:** Position the solar panel facing south to maximize sun exposure.
4. **Testing:** Once installed, cover the solar panel to simulate night and ensure the sensor and light work correctly.

Recommended Uses and Applications

The Solar LED Wall Light KITT is ideal for various outdoor applications, such as:

- **Gardens and Patios:** Provides ambient and security lighting.
- **Entrances and Pathways:** Enhances visibility and safety in access areas.
- **Garages and Carports:** Offers automatic lighting upon detecting movement, facilitating vehicle entry and exit.
- **Facades and Exterior Walls:** Adds a decorative touch while providing functional lighting.

Product gallery:

Modo SENSOR (detección hasta 6m)

Si la batería dispone de >30% de carga:
La lámpara se enciende automáticamente
por las noches al 100% al detectar movimiento,
y después de 20 segundos reduce al 5%.

Si la batería dispone de <30% de carga:
La lámpara se enciende automáticamente
por las noches al 100% al detectar movimiento,
y después de 20 segundos se apagará.

Modo LUZ CONTÍNUA

La luminaria se enciende automáticamente por las noches con un brillo constante del 50%.
Después de 5h, o cuando la carga en batería sea < 30%, entrará en modo Ahorro de energía:
al detectar movimiento se encenderá al 100%, tras 20 segundos sin actividad, se apagará.

SENSOR mode (detection up to 6m)

If the battery has >30% charge:
The lamp automatically turns on
at night at 100% upon detecting motion,
and after 20 seconds reduces to 5%.

If the battery has <30% charge:
The lamp automatically turns on
at night at 100% upon detecting motion,
and after 20 seconds it will turn off.

CONTINUOUS LIGHT mode

The luminaire automatically turns on at night with a constant brightness of 50%.
After 5 hours, or when the battery charge is < 30%, it will enter Power Saving Mode:
upon detecting motion, it will turn on at 100%, and after 20 seconds of no activity, it will turn off.

mode CAPTEUR (détection jusqu'à 6m)

Si la batterie dispose de >30% de charge :
La lampe s'allume automatiquement
la nuit à 100% lors de la détection de mouvement,
et après 20 secondes, elle se réduit à 5%.

Si la batterie dispose de <30% de charge :
La lampe s'allume automatiquement
la nuit à 100% lors de la détection de mouvement,
et après 20 secondes, elle s'éteindra.

mode ÉCLAIRAGE CONTINUE

La luminaire s'allume automatiquement la nuit avec une luminosité constante de 50%.
Après 5 heures, ou lorsque la charge de la batterie est < 30%, il passera en mode Économie d'énergie :
en détectant un mouvement, il s'allumera à 100%, et après 20 secondes sans activité, il s'éteindra.

modalità SENSORE (rilevamento fino a 6m)

Se la batteria ha una carica >30%:
La lampada si accende automaticamente
di notte al 100% quando rileva un movimento,
e dopo 20 secondi si riduce al 5%.

Se la batteria ha una carica <30%:
La lampada si accende automaticamente
di notte al 100% quando rileva un movimento,
e dopo 20 secondi si spegne.

modalità LUCE CONTINUA

La lampada si accende automaticamente di notte con una luminosità costante del 50%.
Dopo 5 ore, o quando la carica della batteria è < 30%, entrerà in modalità Risparmio Energetico:
al rilevamento di un movimento, si accenderà al 100% e dopo 20 secondi di inattività, si spegnerà.