



LED SOLAR LIGHT

Tiger IK10 Solar Bollard - Vandal resistant

7.5W Solar Panel, 77Wh battery, 1.75W LED light

1.75W 325 lm

Industrial grade solar bollard
Modern, robust design. Rated IK10
CCT options - 4000K or Turtle-friendly Amber
4 programming options to suit solar conditions.



SOLAR
POWERED



IK10
VANDAL
RESISTANT



IP65
RATING



>180 LUMENS
PER WATT



4000K
or AMBER



360° BEAM



3 YEAR
WARRANTY

CLASS-LEADING PERFORMANCE

1.75W LED light produces 325 lumens
> 180 lm/W efficacy
CCT options - 4000K Cool White or Amber
Light directed predominantly downward for
wide light distribution and little wastage
Integrated light sensor for auto on/off
4 programming options to suit solar conditions
Autonomy is 2.7 nights at 100% output on full charge
Robust vandal resistant construction
Rated IP65 and IK10.

APPLICATIONS

- Low cost safety and security lighting without the need for trenching or cabling.
- Low level public and civic lighting for pathways, perimeters, open spaces, gardens.
- Mining camps, education campuses.
- Commercial developments, entrances and exits.

SOLAR PARAMETERS

Battery: Lithium LiFePO4 x 8 cells
 Battery power: 7.4V, 10.4Ah, 77Wh
 Solar panel: 7.5W monocrystalline
 Max working current: 0.78A
 Luminaire: 1.75W LED
 Default program output: 100% all night, 325 lm
 Autonomy up to 2.7 winter nights (13hrs) on a full charge.

MODE PROGRAMMING OPTIONS

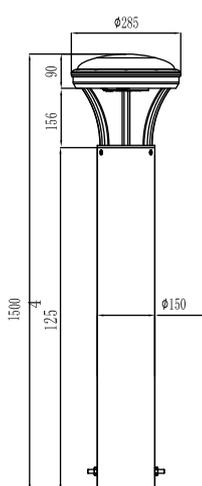
- 1 1.75W dusk until dawn (DEFAULT SETTING)
- 2 1.75W - 100% for 4 hours after dusk, 5 hours at 30%, then 1.75W until dawn.
- 3 1.25W dusk until dawn
- 4 1.25W - 100% for 4 hours after dusk, 5 hours at 30%, then 1.25W until dawn.

DESIGN AND CONSTRUCTION

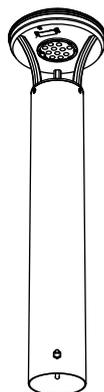
Heavy duty, vandal-resistant solar panel
 Protected compartment for LED light, battery and the controller
 Rated IP65 & IK10 for impact resistance
 Die-cast aluminium body. Black - RAL 9011
 Polycarbonate lens - no glass.

PHYSICAL DIMENSIONS & MOUNTING HEIGHT

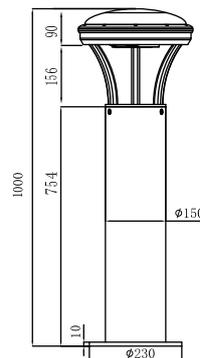
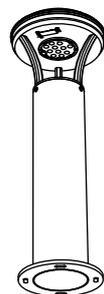
LIGHT HEAD UNIT: Diameter 285mm.
 Height above top of pole 246mm inc support arms.
 POLE (SUPPLIED): Diameter 150mm.
 Length for direct bury (standard) 1500mm.
 Length for surface mount (option) 754mm.
Total height above ground level: approx 1000mm.



**DIRECT BURY
(Standard)**



**SURFACE MOUNT
(Option)**



TECHNICAL PARAMETERS

LED LUMINAIRE

Rated power	1.75W
Luminous flux	325 lm
CCT options	Cool white or Turtle-friendly Amber
CRI	RA 80 (cool white)
Light distribution	360 degrees

BATTERY

Battery type/number	Lithium (LiFePO4) / 8 cells
Energy	7.4V, 10.4Ah, 77Wh
Nominal voltage	3.7V
Charge voltage	9V
Battery lifetime	5 years

SOLAR PANEL

Dimensions	238mm diam
Max power	7.5W
Vmp	9V
Max working current	0.78A

HOUSING & POLE SPECIFICATIONS

IP Rating / IK Rating	IP65 / IK10 for vandal resistance
Composition - lens	Polycarbonate - no glass
Composition - body	Die-cast aluminium - Black RAL9011
Working temperature	0 to 40 °C
Warranty	3 years
Pole supplied	150mm diameter
Pole dimensions	Direct bury - 1500mm. Surface mount option - 754mm
Product codes	SRSBI-DB (Direct bury) SRSBI-SM (Surface mount)

