

Product Name	AC LED Steer light with Battery Backup (Model name : BBCL)
System features	<ul style="list-style-type: none"> - Integrated LED light, SMF battery, dusk-to dawn sensor and high efficiency battery charging circuit - Keeps functioning even during Mains power cut - Automatic dusk to dawn operation - Battery overcharge/deep discharge protection - Wide AC input voltage range (110V – 300V AC) - Aluminum Pressure Die cast body / Deep drawn body (IP65)

Technical Specifications:

LED Light	15W / 25W LED Models
AC Mains input voltage range	110V – 300V AC
Battery capacity	12V 7Ah SMF battery / 11.1V 10Ah Li-ion
Battery Charger rating & type	0.75A with 3 stage charging (Boost, Absorption and Trickle charging stages)
LUMEN Output	1600 / 2600 Lumen
LED Dispersion angle / CRI	120° / 80 CRI
LED Color	Cool white (6500K) or Warm white (3500K)
LED Driver efficiency	>90% (Battery to Load)
Battery operating Voltage Range	10.8V -14.4 V DC (Temp. Compensated for SMF)
Light mounting height	4m – 6m above ground level
Space between light poles	10 m – 15m
Protections	High/Low Mains & battery voltage, short-circuit protection, temp compensated batt. Charging
Temperature / Humidity Range	0 to 60 °C / 0 to 95% (non-condensing)
Product Warranty	2 Year (Battery warranty 1 year)
Light backup time on battery	5 – 7 hours with progressive dimming depending on battery voltage
Net Weight / IP Rating	5 kg / IP 65
Product Dimensions (L x W x H)	440mm x 200mm x 120mm

GREEN & RED LED indications:

LED Indication	Indication
RED: Blinking	Battery low
GREEN: Solid On	Battery fully charged
GREEN: Blinking	Battery charging

*In process of product improvement, product specifications can change without notice