

<b>Product Name</b>	<b>AC LED Steer light with Battery Backup (Model name : BBCL)</b>
System features	<ul style="list-style-type: none"> <li>- Integrated LED light, SMF battery, dusk-to dawn sensor and high efficiency battery charging circuit</li> <li>- Keeps functioning even during Mains power cut</li> <li>- Automatic dusk to dawn operation</li> <li>- Battery overcharge/deep discharge protection</li> <li>- Wide AC input voltage range</li> <li>- GREEN &amp; RED LEDs for indicating battery charging / low battery</li> </ul>

## **Technical Specifications:**

LED Light	7W / 9W / 12W / 15W LED Models
AC Mains input voltage range	110V – 300V AC
Battery capacity	12V 7Ah Sealed Maintenance Free battery
Battery Charger rating & type	0.75A with 3 stage charging (Boost, Absorption and Trickle charging stages)
LUMEN Output	770 / 990 / 1320 /1650 Lumen
LED Dispersion angle / CRI	120° / 80
LED Color	Cool white (6500K) / Warm white (3000K)
LED Driver efficiency	>90% (Battery to Load)
Battery operating Voltage Range	10.8V -14.4 V DC (Temp. Compensated)
Light mounting height	4m – 5m 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	8 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:**

<b>LED Indication</b>	<b>Indication</b>
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