



LB1, LB2, LB\_RWA, LB\_OOH, LB\_FACTORY  
Street Light Automatic Switch

MLB02, Rev 2.0  
April 17, 2020

**LightBharat** LB1 is a street lighting automatic switch to make your street lighting smart and remotely manageable. Using the companion LightBharat mobile app you can set ON/OFF timing (schedules) for your street lighting and the whole lighting runs automatic. The inbuilt sensor automatically senses dark clouds, early sunset and sunrise and tracks the energy consumption accurately. The anti-theft features, along with electrical protection from surges, over voltage, over current make it ideal for Indian conditions. Enable the internet to monitor real time street lighting systems from the comforts of your office 24x7 on mobile phones.

LB1 is a simple practical reliable product for making your street lighting in villages, towns, cities, townships, communities and highways Smart, Intelligent, and save money ₹₹ on maintenance workforce and power bills.

**Applications:** Automation of

1. Gram panchayat street lighting
2. Gated community lighting
3. OOH Media Controller
4. Factory lighting
5. Municipal corporation street lighting



**Features:**

- Single device for group of lights
- Drive load capacity of 20A, 4KW
- Mobile operated
- ON/OFF manual using app
- Automatic on/off as per configured timing, schedules, time of day
- Sensor to detect early clouds
- Energy consumption tracking
- Authorized users can operate from anywhere in the world
- Theft protection
- IP65, Surge, Over voltage, short circuit protection
- 2 years warranty, AMC



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### Technical Specifications:

Communication	IEEE802.11b/g/n (Wi-Fi) GSM/4G: Version2 above
Frequency	2.4GHz
Wireless distance	98–164 ft / 30–50 m (max visible range)
Minimum inlet voltage	15 ~20 VAC
Maximum inlet wattage	0.3 Wattage
AC Power Supply	110 ~ 254VAC, 50~ 60Hz [+/- 10 %]
Maximum outlet capacity	10A, 20A
Maximum outlet wattage	2300W, 4000W
Operating Environment	14°F–158°F / -10°C–70°C°
Storage conditions	50°F–158°F / 10°C–70°C.
Waterproof level	IP65
Compatible OS	Android™ 4.3 or higher / iOS™ 8.0 or higher
Dimensions	98 x 138 x 68 (MM)

Net Weight	0.2 Kg
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### Customer Support:

support@lightbharat.com:	24x7
+91-40-42223020:	9am-6pm (Mon-Sat)
<a href="http://www.mangozd.com/lightbharat">http://www.mangozd.com/lightbharat</a>	

### Installation Support: (24x7)

+91-40-42223020	sites@lightbharat.com
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### Ordering information:

Through our authorized dealers/distributors mentioned on our site <a href="http://www.mangozd.com/lb-dealers">http://www.mangozd.com/lb-dealers</a>
Online store at <a href="http://store.lightbharat.com/">http://store.lightbharat.com/</a>
Offline store at LightBharat Store address @Madinaguda, Hyderabad <a href="mailto:sales@lightbharat.com">sales@lightbharat.com</a>

Watch the tutorials and videos on **LightBharat** youtube channel.

**Thank you for valuable support!**

Swamy

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