

SmartGlow Smart Lighting System

Datasheet

Manufacturer: Spark07

Date: August 2024

1. Product Description

SmartGlow is a versatile smart lighting solution designed to retrofit existing lighting circuits into a smart system without the need for rewiring or replacing bulbs. It offers both manual and remote control functionalities, making it a cost-effective and user-friendly option for modernizing home lighting.

2. Key Features

- **Retrofit Capability:** Converts existing bulbs into smart WiFi-controlled bulbs without complex installations.
- **Remote Access:** Control lighting from anywhere with a stable WiFi connection using the Smart-Glow mobile app.
- **Manual Operation:** Retain manual control via existing light switches.
- **Scalability:** Add and manage multiple bulbs individually through the app.
- **Customizable:** Rename, remove, or reconfigure bulbs as needed.

3. Technical Specifications

Parameter	Specification
Rated Voltage	230 V AC $\pm 10\%$
Rated Frequency	50 Hz
Rated Current	75 mA
Power Consumption	375 mW (typical)
Wireless Connectivity	WiFi 802.11 b/g/n
Operating Temperature	-20°C to 120°C
Dimensions	80 mm (Diameter) x 110 mm (Height)
Weight	78.5 g

4. Functional Specifications

- **WiFi Control:** Turn lights on/off remotely from any location with internet access.
- **Multiple Bulb Management:** Control each bulb individually or in groups.
- **User Interface:** Intuitive mobile app interface for easy configuration and management.
- **Compatibility:** Works with standard incandescent and LED bulbs.

5. Application

- **Residential Lighting:** Ideal for upgrading home lighting systems to smart controls.
- **Energy Management:** Contributes to energy savings by allowing precise control of lighting.

7. Packaging and Ordering Information

Item	Details
Package Contents	1 x SmartGlow Controller, 1 x Quick Start Guide
Order Code	SG-1000-PACK
Packaging Dimensions	84 mm x 84 mm x 120 mm
Gross Weight	105 g

8. Warranty and Support

- **Warranty Period:** 1 year from the date of purchase.
- **Support:** For technical support, contact support@spark7.com or visit www.spark7.com/support.

9. Contact Information

- **Manufacturer:** Spark07
- **Website:** www.spark7.com
- **Customer Support:** +94 76 130 0249 / +94 74 288 5820
- **Email:** info@spark7.com

Note: Specifications are subject to change without prior notice. Please refer to the latest datasheet available on our website for updated information.