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LED-A19-12W-E26-RGB

12 Watt RGB LED A19 Style Remote Control Light - Dimmable - Color Changing Bulb - Standard E26 Base

Product ID: 64312



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

LED-A19-12W-E26-RGB
Lamp Type: RGB LED
Number of LEDs: (4) 3 Watt LEDs
Dimensions: 60mm-OD, 114mm-H
Watts: 12
Voltage: 100-277 VAC 50/60hz
Operation: Remote Control
Color: Red, Green, Blue, White - Adjustable, 16 Color Settings
Beam Angle: 25 Degree Spot OR 60 Degree Flood
CRI: >75 (White)
Dimmable: YES
Operating Temp: -55°C to +85°C

Remote Specs:
Infared signal to control light
120 Degree receiver
Working distance up to 25` from fixutre
Can control multiple lamps with one remote

Features
ETL Listed
Remote Control Operation
16 Color Settings
50,000 Hour Life Rating
Direct Replacement for A19 Bulbs
Remote Dimming

Special Orders - Special Requirements
Contact us for special requirements
Fax: 1-903-498-3364
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
E-mail: sales@larsonelectronics.com

The Larson Electronics LED-A19-12W-E26-RGB 12 Watt RGB LED A19 Remote Control Light is designed to fit in standard light bulb sockets but provides durability and multi color adjustability that makes it ideal for industrial and commercial applications. This 12 watt LED light offers 26 color settings, remote control operation, and the efficiency, durability and long life of LED operation.

The LED-A19-12W-E26-RGB is an LED light bulb that can serve as an A19 LED

upgrade from standard light bulbs fitting E26 bulb sockets. Utilizing only 12 Watts and designed to operate with 100-277 Volts AC, this lamp provides higher efficiency than traditional incandescent A19 bulbs and is a direct fit replacement. The A19 is the same base and dimensions as a standard A19 incandescent light bulb, meaning you can use this LED light bulb as a replacement for a standard outdoor flood lamp. However, given the durability and longevity of this LED design, we see this LED light bulb as an ideal solution for a variety of industrial uses.



Click Here to Enlarge

This LED bulb is an RGB unit, meaning it can produce red, green and blue light of varying levels and intensity. Operators can choose from 16 preset color selections by using an included handheld remote. This LED light is also dimmable, and can be set to operate in different modes including steady burn, flash, strobe, color fade, and smooth fade. Users can also turn the lamp on/off via remote control.

The remote control included with this multi color LED lamp is an infra red control unit with a working distance of 25 feet. This remote control capability is ideal for operators who install these bulbs in hard to reach or elevated locations, allowing them to change the color and operating modes of the lamp quickly and easily. The remote can be used to control multiple lamps, and on/off control can be remotely managed as well.

This lamp has an acceptable operating temperature range of -55°C to +85°C and an operational life of 50,000 hours. The solid state design of this lamp means it is resistant to the effects of impacts and vibrations, providing adding durability to withstand conditions that would cause a normal incandescent bulb to fail. The overall dimensions of the remote controlled LED light are the same as a standard A19 incandescent lamp, and the base is constructed of aluminum for durability and resistance to rust and corrosion.


OFF
ON





MATERIAL SAFETY DATA SHEET

Name of Company	:	Power Glory Battery Tech (HK) Co., Ltd
Address	:	Room E2A, 14 Floor, Hoi Bun Industrial Building,
		6 Wing Yip Street, Kwun Tong, Kowloon,
		Hong Kong
Department	:	Lithium Battery Development & Engineering Dept.
Tel	:	3427 5537
Fax	:	3427 5526
Contact Person	:	Jeremy Leung
UN Report No.	:	2110016511
Issued	:	January 03, 2011

The batteries are exempt articles and are not subject to the OSHA Hazard Communication Standard Requirement. This sheet is provided as technical information only. The information and recommendations set forth are made in good faith and are believed to be accurate as of the date of preparation. However, Power Glory makes no warranty expressed or Implied.

Section 1-Product and Company Identification

Product Name Lithium Metal Batteries	Type No: CR2025	Volts: 3V	Date of preparation: Jan. 03 2011
CHEMICAL SYSTEM: Lithium Manganese Dioxide	Approximate Weight: 2.5g		Designed for Recharge: NO
Company: Power Glory Battery Tech (Shenzhen) Co.,Ltd.			Telephone Numbers: 86- (0)755-27543060 27543061
Address (Number, Street, City, State, and ZIP Code): Dong Keng Industrial Zone,Dong Keng Village, Gongming Town, Shenzhen China			Fax Numbers: 86- (0)755-27543062

Section 2- Composition/Information on Ingredients

Ingredient	CAS NO.	Content (wt%) of total weight
Lithium	7439-93-2	1.9
Propylene Carbonate	108-32-7	6.0
Manganese dioxide	1313-13-9	26
1,2-Dimethoxyethane	110-71-4	3.6
Lithium perchlorate	7791-03-9	1.1
Graphite	7782-72-5 1333-86-4	3.0

Section 3 – Hazards Identification

This contains lithium, organic solvent, and other combustible materials. For this reason, Improper handling of the battery could lead to distortion, leakage*,overheating, explosion of fire and cause human injury or equipment trouble. Please strictly observe safety instruction.
(*Leakage is defined as an unintended escape of liquid from a battery.)

Section 4 – First Aid Measures

None unless internal materials exposure. lf contents are leaked out, observe following Instructions

Inhalation	Fumes can cause respiratory imitation . Remove to fresh air and consult a physician.
Skin	Immediately flush skin plenty of water. If itch or irritation by chemical bum persists, consult a physician.
Eyes	Immediately flush eye with plenty of water for at least 15 minutes. Consult a physician immediately
Ingestion	If swallowing a battery, consult a physician immediately. If contents come into mouth, immediately rinse by plenty of water and consult a physician.

Section 5-Fire Fighting Measures

Extinguishing Media	Extinguisher of alkaline metal fire is effective. Plenty of cold water is also effective to cool the surrounding area and control the spread fire. But hydrogen gas may be evolved by the reaction of water and lithium and it can form an explosive mixture. Therefore in the case that lots of lithium batteries are burning in a confined space ,use a smothering agent.
Fire fighting procedure	Use self-contained breathing apparatus and full protective gear not to inhale harmful gas .

Section 6-Accidental Release Measures

Accidental Releases: Do not breathe vapors or touch liquid with bare hands (see section 4).
Waste Disposal Methods: Evacuate area. If possible, a trained person should attempt to stop or contain the leak by neutralizing spill with soda lime or baking soda. A NIOSH Approved Acid Gas Filter Mask or Self-Contained Breathing Apparatus should be worn. Seal leaking battery and soda lime or baking soda in a plastic bag and dispose of as hazardous waste.
Other: Follow North American Emergency Response Guide (NAERG)#138 for cells involved in an accident, cells that have vented, or have exploded.

Section 7-Handling and Storage

1) Handling

Never swallow. Never reverse the positive and negative terminals when mounting . Never short-circuit the battery. Never heat. Never expose to open flame. Never disassemble. Never weld the terminal or wire to the body of the battery directly. Never touch the liquid leaked out of battery . Never bring fire close to battery liquid. Never keep in touch with battery.

2) Storage

Never let the battery contact with water. Never store the battery in hot and high humid place.

Section 8 – Exposure Controls, Personal Protection

Respiratory Protection		NA
Ventilation	Local Exhaust	NA
	Mechanical	NA
	Special	NA
	Other	NA
Eye Protection		NA
Protective Gloves		NA
Other protective clothing		NA

Section 9 – Physical/Chemical Characteristics

Boiling Point:	1,2-Dimethoxyethane : 83℃
Vapor Pressure:	1,2-Dimethoxyethane :6.40(20℃)
Vapor Density:	1,2-Dimethoxyethane : 3.11
Solubility in Water:	1,2-Dimethoxyethane : :diffluence contact with water
Specific Gravity:	1,2-Dimethoxyethane :1.63
Melting Point:	1,2-Dimethoxyethane :-67℃
Evaporation Rate:	N/A
Water Reactive:	1,2-Dimethoxyethane : :diffluence contact with water
Appearance & Odor:	1,2-Dimethoxyethane : achromatism liquid; slight aether odor.

Section 10 – Stability and Reactivity

Stability	Stable
Incompatibility	Water
Hazardous polymerization	Will not occur.
Condition to avoid	See section 7.
Hazardous Decomposition or Byproducts	Hydrogen

Section 11 – Toxicological Information

Acute Toxicity:

1,2-Dimethoxyethane:

LC_{50} (Inhalation): N/A

LD_{50} : N/A

Eye Effects: Corrosive

Skin Effects: Corrosive

Section 12 –Ecological Information

Aquatic Toxicity: Do not let internal components enter marine environments. Avoid releases into waterways, wastewater or groundwater.

Section 13 – Disposal condition

The battery may be regulated by national or local regulation. Please follow the instructions of Proper regulation. As electric capacity is left in a discarded battery and it comes into contact With other metals, it could lead to distortion, leakage, overheating, or explosion, so make sure to cover the (+) and (-) terminals with friction tape or some other insulator before disposal.

Section 14 – Transportation Information

Lithium battery model CR2025 is considered as “Not Restricted” cargo because they complied UN Recommendations.

Shipping Name Lithium Metal Batteries
UN Number UN3090

Organizations governing the transport of lithium batteries

Area	Method	Organization	Special Provision
International	Air	IATA,ICAO	Best Practice 009
International	Water	IMO / IMDG	188 & 304
U.S.A	Air, Rail, Highway, Water	HHR	49 CFR Section 173.185

These regulations are based on the UN Recommendations . Each special provision provides specifications on exceptions for shipping lithium batteries. All Power Glory’s batteries meet all special provisions

If all of following 2 requirements are satisfied, lithium metal batteries can be transported as “Not Restricted” cargo.

1) Lithium weight or equivalent lithium content must be less than value in table.

	Lithium Cell/Battery (Lithium weight)
Cell	1g or less
Battery	2g or less

Equivalent lithium content (g) is calculated as 0.3 (g/Ah) times the rated capacity (Ah) .

2) Each cell or battery is of the type proven to meet the requirements of each test in the UN Manual of Tests and Criteria, Part III, section 38.3. T1 – T8 Test

Because the consignor has to take the responsibility, the customer has to confirm the exception conditions when shipping.

Section 15-Regulatory Information

EC Labeling : None

Risk Phrases :None

Safety Phrases : None

Labeling is not required because batteries are classified as “articles” under the Dangerous Preparations Directive and as such are exempt from the requirements of the Directive.

Section 16-Other Information

If you want further information, please contact:
Technology Manager
Wang Baojun
Dong Keng Industrial Zone,Dong keng Village,Gongming Town,Shenzhen,518106 P.R.China
Tel:+86-0755-27543061 Fax:+86-0755-27543062 http://www.szlijia.com

Last data revised 2011.01.03

Frequently Asked Questions (FAQ)