

# AMRITA - RGBW

## RGBW IP65 Diffuse Jacket Flexible COB LED Strip Light

Featuring fully encased COB tape light, Amrita provides smooth, evenly diffused light, eliminating the need for additional extrusion housings and lenses. Capable of producing the entire spectrum of color, the Amrita RGBW, Amrita is a unique luminaire that can be used indoor or outdoor, being placed in direct view scenarios or tucked away in small spaces. Amrita is built to meet the needs of multiple dynamic lighting installations.

- Low-profile, flexible COB-based light strip
- UV, flame, and saltwater resistant (IP65) PU coating
- RGBW (3000K) color choice
- Durable housing with 7.8" (200mm) bending radius
- Cutting points every 2.46" (62.5mm)
- Maximum run of 16.4 feet
- Simple connections make install quick and easy
- Dimmable with DMX
- Suitable for coves, frame, bars, rails, and other areas where a small profile or outline of light is needed
- cULus Listed for wet locations (IP65 rating void if product is cut)



### AMRITA QUICK SPECS

|                |                                              |
|----------------|----------------------------------------------|
| VOLTAGE        | 24V DC                                       |
| WATTAGE        | 4.57W per foot (15W per meter)               |
| CCT            | RGBW (3000K)                                 |
| LUMENS         | 200Lm per foot                               |
| MAX RUN        | 16.4ft (5m)                                  |
| CUTTING POINTS | 2.46" (62.5mm)                               |
| IP RATING      | IP65 - Wet Location                          |
| DIMMING        | DMX                                          |
| DIMENSIONS     | 0.39" (10mm) W x 0.29" (7.4mm) H             |
| OPERATING TEMP | -25°C (-13°F) to 45°C (113°F)*               |
| CERTIFICATIONS | cULus Listed - Wet Locations, RoHS Compliant |
| RATED LIFE     | 50,000 Hours                                 |

\*Do not install during inclement weather or extreme conditions (i.e. -25°C (-13°F) and below)

PROJECT:

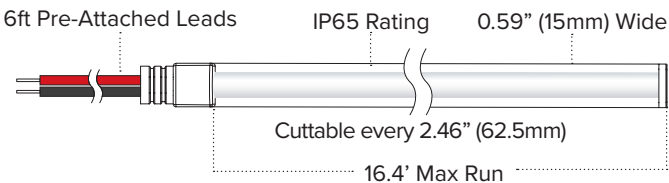
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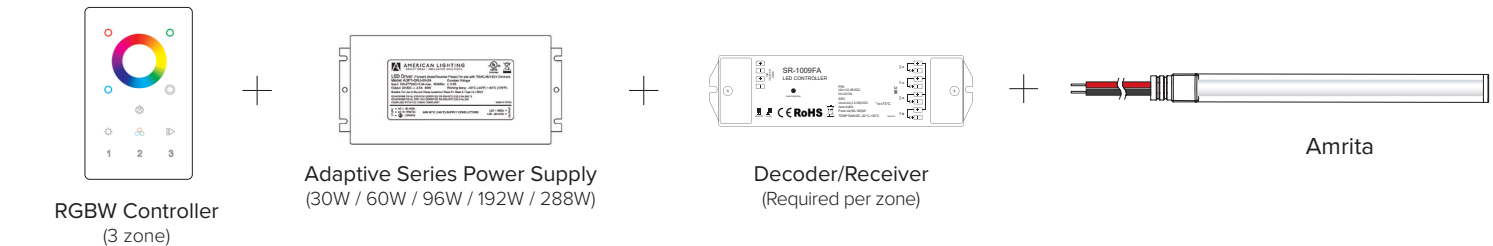


### AMRITA QUICK LOOK



**IP65 (Encased)**  
Features a clear protective silicone jacketing that protects the tape light from sprayed water and dust.  
**Best suited:** Indoor & Outdoor, damp & wet locations

### AMRITA QUICK SET-UP



AMRITA ORDERING INFORMATION

| ITEM NUMBER  | VOLTAGE | CCT          | LENGTH | LUMENS / FT | WATTAGE / FT | IP RATING | CUTTING        | MAX RUN |
|--------------|---------|--------------|--------|-------------|--------------|-----------|----------------|---------|
| AMRT-RGBW-16 | 24V DC  | RGBW (3000K) | 16.4ft | 200m/ft     | 4.57W/ft     | IP65      | 2.46" (62.5mm) | 16.4ft  |

Includes: Attached 6 inch female connector, 6ft Lead Wire, 1 End Cap, and 15 Mounting Clips

AMRITA ACCESSORIES

| ITEM NUMBER      | DESCRIPTION                                            |
|------------------|--------------------------------------------------------|
| AMRT-CONKIT-5PIN | Single Color, 5-Pin 6ft Power Lead with End Cap (IP67) |



AMRT-CONKIT-5PIN

RECOMMENDED POWER SUPPLIES

| ITEM NUMBER     | DESCRIPTION                    | MAX / MIN LOAD | INPUT VOLTAGE | OUTPUT VOLTAGE | DIMMABLE | DIMENSIONS               |
|-----------------|--------------------------------|----------------|---------------|----------------|----------|--------------------------|
| ADPT-DRJ-30-24  | Adaptive Series 30W            | 30W / 3W       | 100-277V AC   | 24V DC         | Yes*     | 6.49"L x 3.6"W x 1.02"H  |
| ADPT-DRJ-60-24  | Adaptive Series 60W            | 60W / 6W       | 100-277V AC   | 24V DC         | Yes*     | 7.4"L x 3.6"W x 1.02"H   |
| ADPT-DRJ-96-24  | Adaptive Series 96W            | 96W / 9.6W     | 100-277V AC   | 24V DC         | Yes*     | 8.66"L x 3.6"W x 1.61"H  |
| ADPT-DRJ-192-24 | Adaptive Series 192W (2 x 96W) | 192W / 19.2W   | 100-277V AC   | 24V DC         | Yes*     | 10.94"L x 4.25"W x 1.8"H |
| ADPT-DRJ-288-24 | Adaptive Series 288W (3 x 96W) | 288W / 28.8W   | 100-277V AC   | 24V DC         | Yes*     | 11.85"L x 4.25"W x 1.8"H |

\*Phase Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers\*



# AMERICAN LIGHTING WARRANTY

## LIMITED WARRANTY FOR LED PRODUCTS: 3 YEARS

### LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

### PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit [www.americanlighting.com](http://www.americanlighting.com).

Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary.

LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

### AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.