BARRON

specialtyLED®

commercial & decorative lighting

barronltg.com

# RGB+W LED RECESSED DOWNLIGHTS

**Available in 4”, 6”, 8” and 11” configurations.**
**RGB + Tunable White 2700K-6500K CCT.**
**Die-cast aluminum frame with white finish.**
**24VDC Input.**

# RGBWRD Series RGB AND TUNABLE WHITE LED RECESSED DOWNLIGHT

specialtyLED's RGBWRD recessed downlight features an extremely thin design which provides even illumination with no visible hot spots or shadows. Unlike standard solid white LED downlights, color-changing downlights have a wide variety of installation options including setting a mood in a restaurant or school, adding rolling color in a coffee shop, or being a colorful backdrop in a bar. These colorful downlights are extremely versatile in their uses and are only limited by your imagination. Suitable for new construction applications only

## SPECIFICATIONS

- Available in 4", 6", 8" and 11" configurations
- Die-cast aluminum frame with white finish
- Polycarbonate diffuser
- SMD2835 RGBW Epistar chips, gold wire, low light decay:
  - R: 620-630nm, G: 520-525nm, B: 460-470nm, W: 2700K-6500K CCT
- CRI ≥80
- Beam angle: 170°
- Input 24VDC (Purchase with either D-JB or RF accessory for 120VAC input)
- 2W to 20W depending on color
- Available accessories (sold separately): LED control/driver combination with hand held remote (RF) or addressable decoder with driver to connect to a building DMX, includes junction box (D-JB)
- IP20 Rated
- Operating temperatures: -20°C to 50°C (-4°F to 122°F)
- Suitable for new construction applications only
- Five year limited warranty (Terms and Conditions Apply)

## SPECS AT A GLANCE

| **Configuration** | RGBWRD4 | RGBWRD6 | RGBWRD8 | RGBWRD11 |
|---|---|---|---|---|
| **White Wattage*** | 6W | 10W | 15W | 20W |
| **RGB Wattage*** | 2W (each color) | 3W (each color) | 5W (each color) | 6W (each color) |
| **CCT (K)** | R: 620-630nm<br>G: 520-525nm<br>B: 460-470nm<br>W: 2700K-6500K CCT | | | |
| **Efficacy (LPW)** | 75 | | | |
| **CRI** | ≥80 | | | |
| **Input Voltage** | 24VDC (Purchase with either D-JB or RF accessory for 120VAC input) | | | |
| **Certifications** | UL Listed, IP20 Rated | | | |
| **Operating Temp** | -20°C to 50°C (-4°F to 122°F) | | | |
| **Warranty** | 5 Years | | | |

* Nomimal Wattage
Note: Environment and application will affect performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

## ORDERING INFORMATION **Example:** RGBWRD6

| Model | Description |
|---|---|
| RGBWRD4 | LED RGB+W Recessed Downlight, 4" Diameter, Red/Green/Blue w/ Tunable White LEDs (2700K - 6500K), 24VDC (Purchase with either D-JB or RF accessory for 120VAC input) |
| RGBWRD6 | LED RGB+W Recessed Downlight, 6" Diameter, Red/Green/Blue w/ Tunable White LEDs (2700K - 6500K), 24VDC (Purchase with either D-JB or RF accessory for 120VAC input) |
| RGBWRD8 | LED RGB+W Recessed Downlight, 8" Diameter, Red/Green/Blue w/ Tunable White LEDs (2700K - 6500K), 24VDC (Purchasewith either D-JB or RF accessory for 120VAC input) |
| RGBWRD11 | LED RGB+W Recessed Downlight, 11" Diameter, Red/Green/Blue w/ Tunable White LEDs (2700K - 6500K), 24VDC (Purchase with either D-JB or RF accessory for 120VAC input) |

| | |
|---|---|
| | **LiteLogic Accessories**[1] (Field Installed) |
| | LE-DC4CH[4] = Bluetooth RGBW fixture controller, four channels |

| | |
|---|---|
| | **Accessories**[1] (Field installed) |
| | D-JB[2] = Addressable Decoder With Driver (120VAC Input) To Connect To A Building DMX, Includes Junction Box |
| | RF = LED Control/Driver Combination (120VAC Input) With Hand Held Remote |
| | DMX4-RGB-WHEEL = DMX512, Multi Zone, Touch Panel Controller. 5AX4CH, 24VDC, (Requires DMX4-JBOX for Mounting) |
| **Notes** | DMX4-JBOX = Type 86 Junction Box for the DMX4-RGB-Wheel Controller |
| [1] Order as separate line item | STICK-KE2[3] = Ribbon Flex, DMX Controller Keypad, Black (Requires POWER4M) |
| [2] Does not include RF remote and controller | POWER4M = 6VDC, 0.65A Power Adapter for STICK-KE2 |

[3] Must be ordered with the POWER4M power adapter

[4] Must be ordered with D-JB accessory - existing controller in power supply box needs to be disconnected (Not compatible with RF accessory/box)

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

10840498 MKT-LIT-RGBWRD Rev 5

BARRON lighting group
*7885 North Glen Harbor Blvd*
*Glendale, Arizona 85307*
*800.533.3948*
*barronltg.com*