



specialty LED
commercial & decorative lighting

barrontg.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 G: 520-525nm B: 460-470nm 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			

* Nominal 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 (Purchase with 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)

Accessories¹ (Field installed)

D-JB² = 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 = 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



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

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