



# ADURO LEDs

## C COLOR SERIES

### AD44

The Aduro C LED Series offers the ability to control the beam angle at the LED package level, eliminating the need for additional costly and inefficient secondary optics, while delivering maximum lumens to the intended task surface. The Aduro C LED Series also delivers breakthrough lux and color uniformity ratios within the specified beam angle by controlling the cut-off of the light emitted from the LED with our Digital Distribution™ (DD) advanced technology.

#### FEATURES

- Revolutionary beam angle control
- Maximum delivered lumens per watt
- No need for secondary optics
- Lower fixture BOM and assembly costs
- Reduced fixture or lamp size size
- Available in a variety of colors
- Perfect edge-to-edge color and lux uniformity
- Industry's lowest % of stray light
- Highest contrast ratios

#### APPLICATIONS

- Wall Washes
- Façade Lighting
- Entertainment Lighting
- Theater Lighting
- Retail Lighting

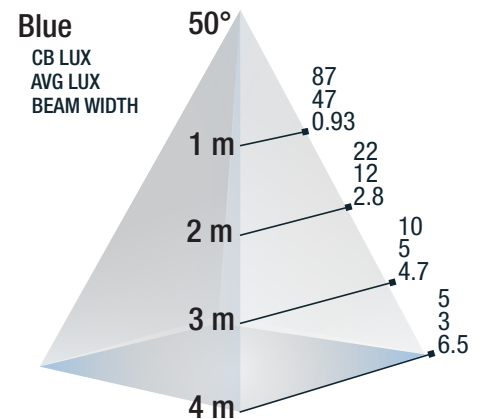
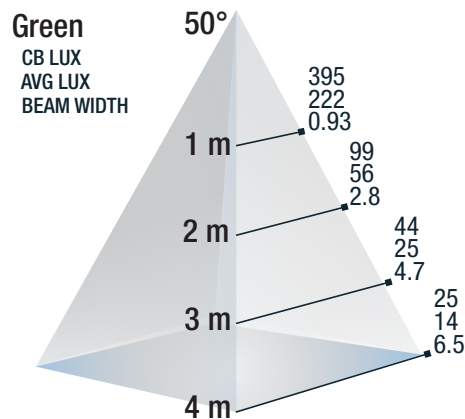
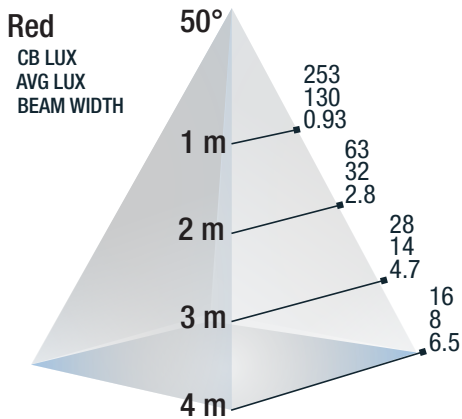
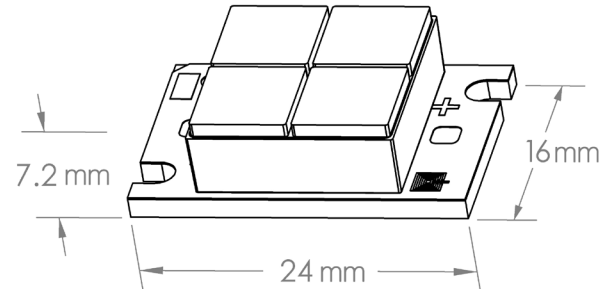


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|                               | Red       | Green     | Blue      |
|-------------------------------|-----------|-----------|-----------|
| Wavelength                    | 624 nm    | 525 nm    | 450 nm    |
| Beam Angle (FWHM)             | 50        | 50        | 50        |
| Digital Distribution          | DD65      | DD65      | DD65      |
| Initial Lumens (lm)           | 173       | 297       | 63        |
| Forward Voltage (V) Typical   | 9         | 13.2      | 13.2      |
| Forward Voltage (V) Max       | 10        | 14.2      | 14.2      |
| Forward current (mA) Typical  | 500       | 500       | 500       |
| Forward current (mA) Max      | 750       | 600       | 600       |
| Junction Temperature (°C) Max | 115       | 115       | 115       |
| Operating Temperature (°C)    | -40 to 85 | -40 to 85 | -40 to 85 |
| Thermal Resistance (°C/W)     | 2         | 2         | 2         |



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