



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

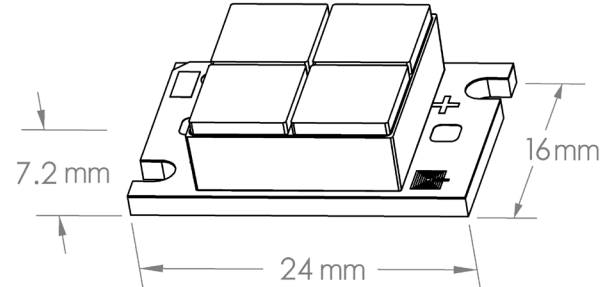


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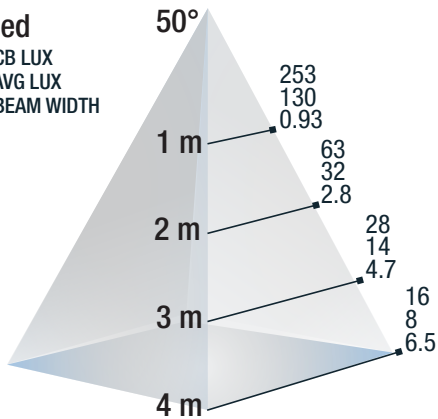
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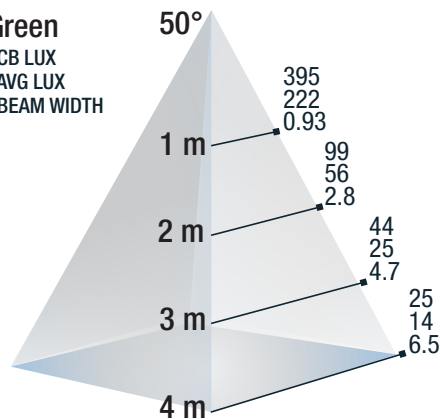
	Red	Green	Blue
Wavelength	624 nm	525 nm	450 nm
Beam Angle (FWHM)	50	50	50
Digital Distribution	DD65	DD65	DD65
Initial Lumens (lm)	173	297	63
Forward Voltage (V) Typical	9	13.2	13.2
Forward Voltage (V) Max	10	14.2	14.2
Forward current (mA) Typical	500	500	500
Forward current (mA) Max	750	600	600
Junction 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



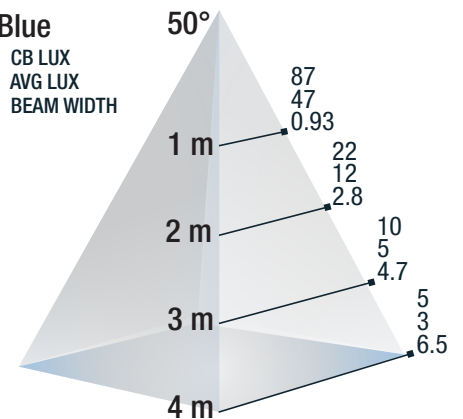
Red
CB LUX
AVG LUX
BEAM WIDTH



Green
CB LUX
AVG LUX
BEAM WIDTH



Blue
CB LUX
AVG LUX
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