

**COLOR ACCEL SERIES**



Color Accel is an effective, dynamic color-changing system for interior cove applications. Cased in a clear acrylic housing and tri-color (RGB) LED sources, Color Accel is individually DMX color addressable and ensures exceptional color mixing with minimal setback for alcoves, accent areas and other restrictive spaces. Color Accel is surface mounted with a molded acrylic bracket that snaps into place, allows rotation for aiming, and is available in fixed lengths of 1'-0". Color Accel Lite a lower cost option that provides the same performance but addressable by Powerbrain run length of up to 20ft.

**Technical Specifications**

Model number		CA-12-RGB S	CA-12-RGB L
<b>Output</b>	Beam Spread	<b>110°</b>	
	Lumens	<b>70</b>	
	Color Range	<b>16.7 million additive RGB colors</b>	
	Lumen Depreciation	<b>50,000 hours with 30% lumen depreciation</b>	
<b>Electrical</b>	Input Voltage	<b>24VDC</b>	
	Power Consumption	<b>3.0W max full unbalanced white output</b>	
	Maximum Units	<b>20</b>	
	Remote Distance	<b>15'-0" (4.57 m) (lead included with PowerBrain)</b>	
<b>Physical</b>	Dimensions	<b>12.0 x 1.16 x 1.3 in (304.8 x 29.4 x 33.4 mm)</b>	
	Weight	<b>2.96 oz (84 g)</b>	
	Housing	<b>Clear acrylic</b>	
	Fixture Connectors	<b>Integral male/female interior connectors</b>	
	Mounting	<b>Fully rotatable, snap-fit acrylic brackets</b>	
	Operating Temperature	<b>0 °C to +55 °C (32 °F to +131 °F)</b>	
<b>Control</b>	Interface	<b>PowerBrain (PB100 sold separately)</b>	<b>PowerBrain LITE (PB LITE sold separately)</b>
	Control System	<b>Individual DMX512 control</b>	<b>Addressable per PowerBrain run</b>
<b>Certification and Safety</b>	Certification	<b>UL 2108, CSA C22.2.2 NO. 250.0-04</b>	
	Environment	<b>Dry Location, IP20</b>	

Due to continuous improvements and innovations, specifications may change without notice.

**Standard order code** (Use only the **bolded text** in your code)

Product

**CA**

CA (Color Accel)  
CA LITE

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Fixture Length

**12**

12 (12 in)

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Output

**RGB**

RGB (Color Changing)

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## Photometrics

Illuminance at Distance (Lumen measurements all comply with IES LM-79-08)

	Center Beam FC	Beam Width
5'-0"	1 fc	14'-4"
4'-0"	1.6 fc	11'-5"
3'-0"	2.8 fc	8'-7"
2'-0"	6.3 fc	5'-8"
1'-0"	25 fc	2'-10"

LED	Lumens	Watts	Efficacy
RGB	70	3	23.3

For lux multiply fc by 10.7

## Physical Dimensions

