

)ate:	Type:
Project:	

COLOR ACCEL SERIES

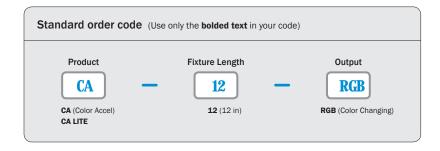


Color Accel is an effective, dynamic color-changing system for interior cove applications. Cased in a clear acrylic housing and tri-color (RGB) LED sources, Color Accel is individually DMX color addressable and ensures exceptional color mixing with minimal setback for alcoves, accent areas and other 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	
Output	Beam Spread	110°		
	Lumens	70		
	Color Range	16.7 million additive RGB colors		
	Lumen Depreciation	50,000 hours with 30% lumen depreciation		
Electrical	Input Voltage	24VDC		
	Power Consumption	3.0W max full unbalanced white output		
	Maximum Units	20		
	Remote Distance	15'-0" (4.57 m) (lead included with PowerBrain)		
Physical	Dimensions	12.0 x 1.16 x 1.3 in (304.8 x 29.4 x 33.4 mm)		
	Weight	2.96 oz (84 g)		
	Housing	Clear acrylic		
	Fixture Connectors	Integral male/female interior connectors		
	Mounting	Fully rotatable, snap-fit acrylic brackets		
	Operating Temperature	0°C to +55°C (32°F to +131°F)		
Control	Interface	PowerBrain (PB100 sold separately)	PowerBrain LITE (PB LIT	E sold separately
	Control System	Individual DMX512 control	Addressable per PowerE	Brain run
Certification and Safety	Certification	UL 2108, CSA C22.2.2 NO. 250.0-04		
	Environment	Dry Location, IP20		

 $\label{eq:decomposition} \mbox{Due to continuous improvements and innovations, specifications may change without notice.}$





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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"
		110° 1'-0"	

LED	Lumens	Watts	Efficacy
RGB	70	3	23.3

For lux multiply fc by 10.7

Physical Dimensions

