



## Cove AC Data Injector

The Cove Light AC Data Injector is used in conjunction with Traxon's Cove RGBW / RGB fixtures, allowing simple connections of an AC daisy-chain system with DMX512 control with universal voltage.



### Accessories

Model No.	Description	Item Code
MB.AC.2000700	Cove Light AC HO RGBW Data Injector (CE / ETL) 100-277V	AB300080055
MB.AC.2000710	Cove Light AC HO RGB Data Injector 96 Channel 100-277V	AB322260055
MB.AC.2000720	Cove Light AC HO RGB Data Injector 48 Channel 100-277V	AB322270055

### Product Specifications

Power Input	AC line (100-277V AC 50/60Hz)
Data Input / Output	DMX512
Power / Data Output	AC line+DMX512
Power Consumption	2W max.
Input Current	6A AC max. on AC connectors
Output Current (Fixture)	5.9A AC max. on AC connectors
Housing	Aluminium
Adjustment Options	-
Dimensions (L x W x H)	167mm x 116mm x 35mm 6.6" x 4.6" x 1.4"
Weight	0.42kg/0.93lbs
Regulatory Listing & Safety Approval	CE, cETLus
Operating Temperature	-20°C to +45°C / -4°F to +113°F
Storage Temperature	-40°C to +70°C / -40°F to +158°F
Environment	Indoor (IP20)
Humidity	90% max. non-condensing

### Connector Specifications

Power In	3-pin male connector
Data In	RJ45
Data Out	RJ45
Power / Data Out	5-pin female connector

**LED CHARACTERISTICS** Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

Lumen measurement complies with LM-79-08 standard.  
 Lumen maintenance is calculated based on LM-80 compliant measurement.

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