CODA LED CYC

The Coda LED Cyc is a high output theatrical cyc luminaire that provides rich color mixing for seamless coverage of a stage cyclorama. The RGBALC (Red, Green, Blue, Amber, Lime & Cyan) color mixing system on the Coda LED offers rich colors using a wide mixable color spectrum, but it can be easily controlled with traditional CYM controls using the SmartColor Control system. With two zone color control, it is easy to create natural-looking split-color cyc coverage.

- High output LED cyc - modern theatrical cyc with quality you can trust.
- High CRI RGBALC Color System with SmartColor Control - wide range of vivid color options that can be programmed using CYM.
- Independent color mixing and temperature controls - match color palette to color temperature without manual adjustment for simpler programming.
- Two-zone color control - create natural looking split colors.

- Fanless design - perfect for use in quiet environments.
- Wide coverage per fixture - 2.5m (8.5ft) coverage @ 1.2m (4ft) from projection surface.
- Adjustable frequency to exceed camera frame rates - camera friendly fixtures for IMAG, event recordings, or TV & film applications.

For detailed product information, please refer to the Product Guide at https://www.vari-lite.com/global/products/coda-led-cyc

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CODA_LED_CYC

Specifications

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

Source

LED	Multichromatic Light Engine - RGBALC
Source Max Power Consumption	205W
LED Refresh Rate	12 Hz to 25kHz
Dimming	Electronic 16-bit
Dimmer Curves	Square Law (Default), Linear, S -Curve
Dimmer Control Option	Dimmer Snap On/Off
	On reduces auto dimmer smoothing
Strobe Speed	0 - 30Hz
Strobe Modes	Standard, Lightening, Random

Optical Performance

Beam Angle	40° x 60°
Output Lumens	Standard - 13,000
CRI RA	94
CRI R9	96
Tm30	Rf 88 / Rg 105

Color System

Color Mixing	RGBALC
Color Mixing Control	Smart Color, Open Source or Quick Color
Color Calibration	Selectable On/Off
Color Mixing Control	Color Snap On/Off
Option	On reduces auto smoothing color to create faster color changes
Variable CTO	2700 K to 10000 K (Smart Color Mode)
Color Presets	32 Calibrated Colors
User Definable Color Presets	20
Chromatic Aberration	Magenta / Green shift control

Electrical

Max output Power Consumption	223 W @ 120 V, 214 W @ 240 V
Power Connection	TrueOne Compatible - In / Thru
	Power cable not included - input connector only
Input Voltage	100–240 VAC, 50 / 60 Hz

Data

Supported Protocols	DMX512-A (RDM)
DMX Modes	
Smart Color Control (default)	13 / 23 Channels
Q Color Mode	4 Channels
Open Color Control	17 / 29 Channels
Data Connections	5 - Pin XLR Input and Thru
Zone Control	1 / 2 Zones
Manual Preset Mode	Advanced Feature local control

Noise Level / Fan Control

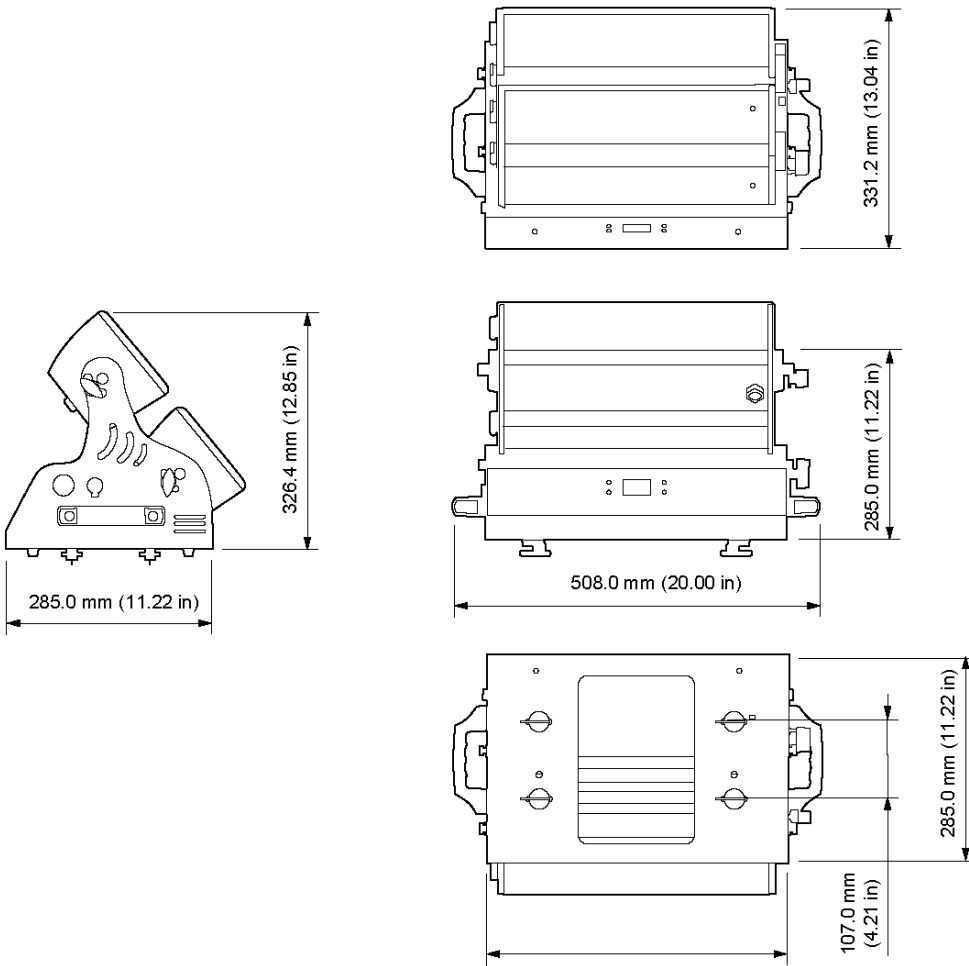|	
Cooling System Type	Convection Cooling - Fanless

Mounting

Hanging Type	2 x 107mm Omega Bracket (Not Included)
Distance from Cyc	1.0 mm (4.0 in)
Fixture mounting/Hanging orientation	Hanging - Floor - Side
Secondary Safety Wire Point	1 x Safety point located on rear of fixture housing
	Safety Wire not included

Photometrics and IES Files

For IES files and photometric reports, please refer to the product page:
https://www.vari-lite.com/global/products/coda-led-cyc

Dimensions

Physical

Construction	Superstructure made of Aluminum, and steel metal plates, Covers Aluminum
IP Rating	IP20
Standard Finish	Black
Dimensions	335 x 508 x 326 mm (13.0 x 20.0 x 13.0 in)
Packed Dimensions	635 x 410 x 500 mm (25.0 x 16.0 x 20.0 in)
Fixture Weight	15.0 kg (33.0 lb)
Packed Weight	18.0 kg (40.0 lb)
Operating Temperature	0-40°C (32-104°F)

Certification and Safety

Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001

Luminaire and Accessories

Product type	Order Code
CODA LED CYC, Black	64509-001
FC , 205w Multichromatic Light Engine - RGBALC, c/w Power input connector, Black	

Accessories	
Omega Bracket (2 Required per fixture NOT INCLUDED) Required for Hanging of fixture	3002000390
VL/Strand Omega Bracket , 1 x 107mm Bracket , compatible with VL800 PROPAR,EVENTPAR,EVENTWASH, CODA and AURORA),	

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