

Spectra CYC 100



100 Watt, Multi-channel LED Wash

The Spectra Cyc 100 is a 100 Watt cyclorama/ wall wash luminaire utilizing high output LED emitters. Designed for theatrical and architectural applications, the Spectra Cyc 100 blends color via a patented LED lens and reflector combination which reduces pixelization from direct view.

Designed for use on 6-foot centers, individual units can be linked side by side for greater saturation of light. The Spectra Cyc 100 is compatible with DMX / RDM protocols, and comes with a library of preprogrammed single colors and various color mixes. Units can be utilized for both floor and sky-cyc applications.



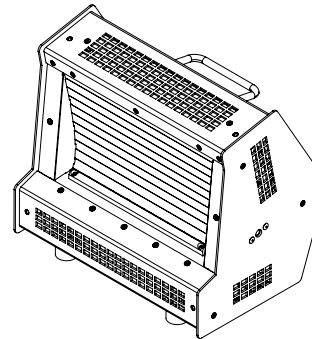
Bringing Imagination to Light™

Product Features

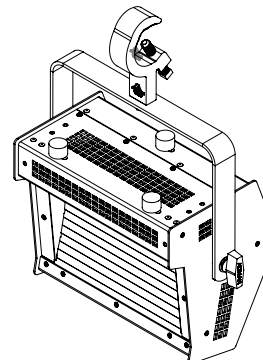
- Available in 5 Standard LED color configurations:
 - RGBA, RGBW, 3K White, 6K White, or 3K-6K Tunable White
 - Please Note: The RGBW version utilizes 3K emitters for the white channel. Variants will be considered custom.
- RGBW 4856, RGBA 4727 Lumens
- Asymmetrical reflector designed for broad, even distribution
- Patented LED blending lens
- On-board multi-voltage power supply 100-240VAC.
- Feed through power and data capabilities using PowerCON and 5-pin XLR connectors.
- Compatible with DMX and RDM protocols
- Push button addressing
- Preprogrammed modes for fixed colors, timed color changes and strobes.
- Integrated carrying handle
- Weight: 11 lbs. / 5.0 kg (approximate)
- Convection cooled, no fans
- cETLus listed for indoor use and CE marked

Mounting Options

Spectra Cyc 100 Portable
(Floor Stand)



Spectra Cyc 100 Portable
(Yoke Mount)



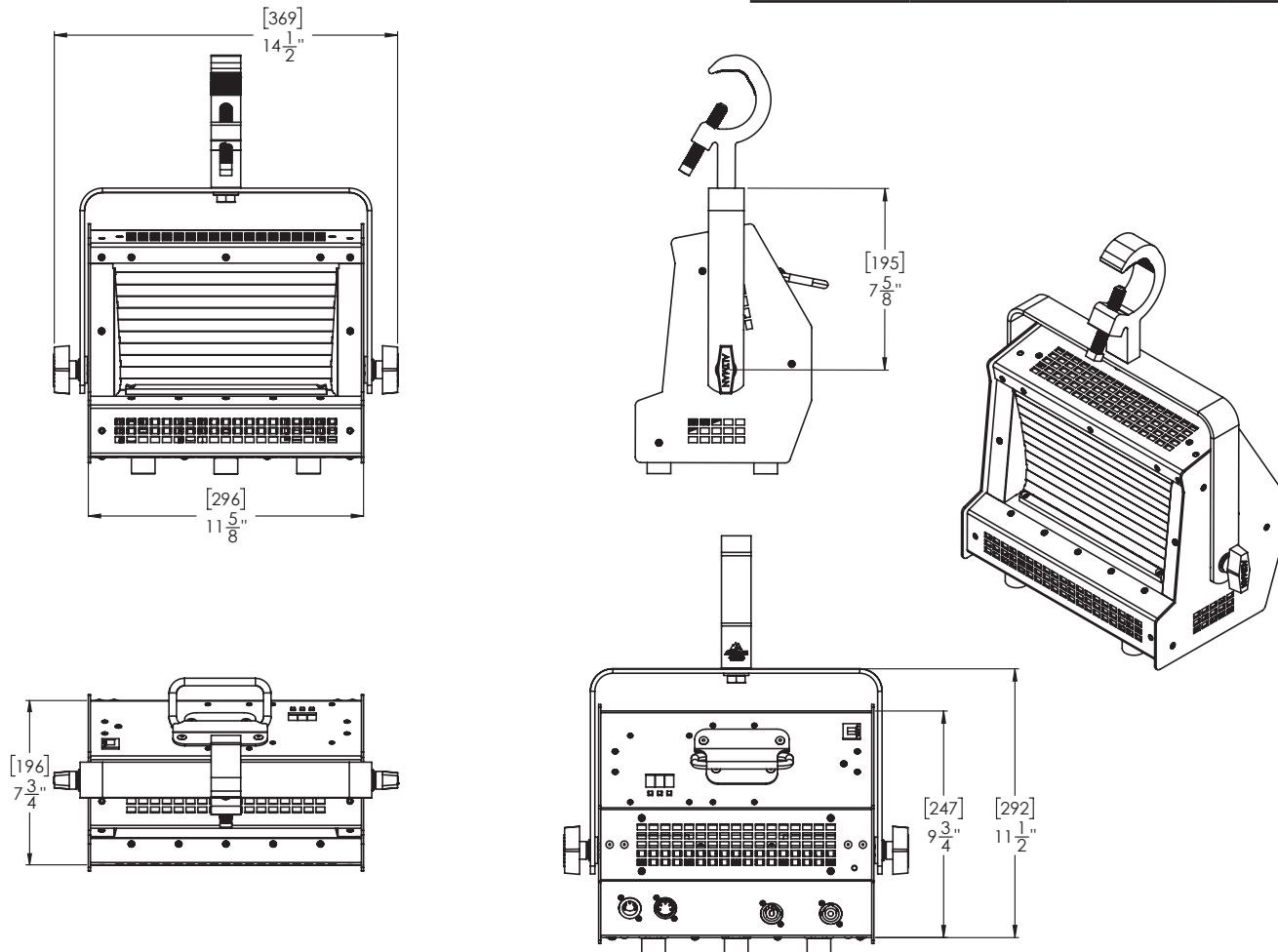
Create a smooth, even wash on any surface, hanging or floor mounting on 6' centers.

Spectra CYC 100



Dimensions

Weight	Height	Width	Depth
11lbs. (5.0kgs.)	9.75in (247mm)	11.625in (296mm)	7.75in (196mm)



Specifications

LED Source

LED	48 of the Lumileds Rebel LED
LED Engine	RGBA, RGBW, 3000K, 6000K, Tunable 3K-6K
Max Power Consumption	100 watts
Lumens	RGBW 4856, RGBA 4727
Rated LED Life	Array rating >50,000 hours to L70

Optical

Reflector	Asymmetrical reflector designed for broad, even distribution
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Control and Programming

Input Method	Portable - DMX512 via 5-pin XLR connector
Protocols	DMX512/RDM
RDM Configuration	Yes
User Interface	On board User Interface and Push Buttons for Addressing and Programming
Local Control	Yes

**See the Quick Start Guide
enclosed with each fixture for
DMX Modes**

Spectra CYC 100



Specifications Continued

Electrical

Input Voltage Range	100 - 240 VAC, 50 to 60Hz
Input Connection	Neutrik PowerCon Blue (Portable)
Power Thru Connection	Neutrik PowerCon Gray (Portable)
Fixtures Per Circuit	10 (20A Power Thru Connector) Portable Units
Current Draw	0.42A @ 120VAC; 0.79A @ 230VAC

Thermal

Ambient Operating Temp	0 to 40 degrees C (32 to 104 degrees F) / 5%-95% Non- con- densing
Cooling	Passive, convection (No Fan)
dB	N/A

Ordering Information

Models

Model:	LED Array:	Body Color:
SSCYC100	RGBA - Color Mixing RGBW - Color Mixing 3K - Fixed 3K White 6K - Fixed 6K White 3K6K- Tuneable White	B - Black W - White C - Custom

Note: When ordering the fixture simply select an option from each column and that will produce your ordering part number.

Example - For the Portable Unit with an RGBA LED Array in Black, the part number would be SSCYC100-RGBA-B

Color: Fixture ship standard as Black. If White or Custom are required that could result in a longer lead time.

Custom Color: Consult factory for custom colors

Spectra Cyc 100 Yoke Kit Models

Model:	Mount:	Body Color:
SSCYC100	Yoke	B - Black W - White C - Custom

Note: * Spectra CYC 100 Yoke Kit is sold Separately

Included Items

CYC 100	5ft Power Cable (PCL-PBG-12-5)
CYC 100 Yoke Kit *	Yoke, C-Clamp (510), 2 of the T-Handles (37-0015), 2 of the Ser- rated Belleville Washer (32-SB375), 2 of the Black Fibre Washer (32-BF375) and 2 of the Flat Washer (32-FW312) and , Safety Cable (SC-36-BK)

A maximum recommended spacing is 6-foot on center, 2 to 4-foot back from lighted area. For a brighter, more saturated effect, Spectra Cyc 100 fixtures can be set closer or linked directly to the next via a joining bracket - SS-CYCLINK (sold separately). Shown with optional yoke assembly - SS-CYC100-YOKE (sold separately).

Construction

Materials	Corrosion-resistant materials and hardware
Color Options	Black, White and Custom*
Mounting	Yoke, Floor Stand
IP Rating	IP22

Warranty

Fixture	5 Years and 1 Day.
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Compliance

Compliance:	cETLus listed, CE marked
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Spectra CYC 100



Available Accessories

Model:	Description:
510	Malleable Iron Clamp
SC-36-BK	36-Inch Black Safety Cable with Spring Clip
FT	Black Floor Trunnion, Pair
SS-CYC-LINK-**	Spectra Series LED Cyc Link Plates with Hardware
SS-CYC100-CF-**	100-Watt Spectra Series LED Cyc Color Frame
DMX-5-TERM	XLR DMX Terminator

Power Input Cables

Model:	Connector Type:	Wire Size:	Length:
PCL - PowerCON Blue	BARE - Bare End Cable 2P&G - Stage Pin Male PBG - Edison Male TLG - L5-20 20A Twist Lock Male GTL - L5-15 15A Twist Lock Male	12	5 - 5ft 10 - 10ft 25 - 25ft

Note: When ordering the PowerCON Cable simply select an option from each column and that will produce your ordering part number.

DMX Cables

Model:	Number of Pins:	Length:
XLR - DMX Cable	5 - 5 pin DMX	5 - 5ft 10 - 10ft 15 - 15ft 25 - 25ft 50 - 50ft 100 - 100ft

Note: When ordering the XLR DMX Cable simply select an option from each column and that will produce your ordering part number.



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