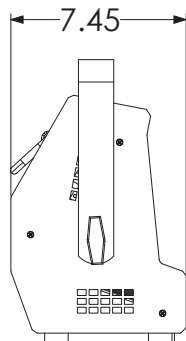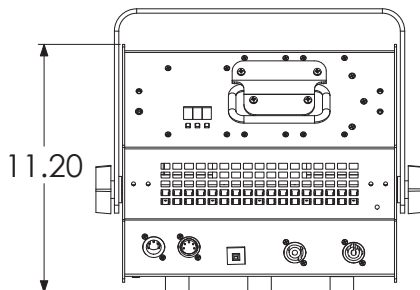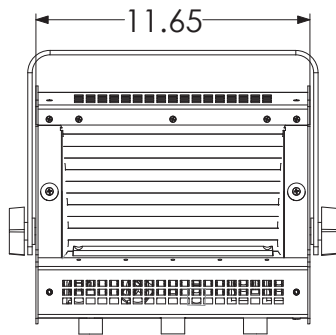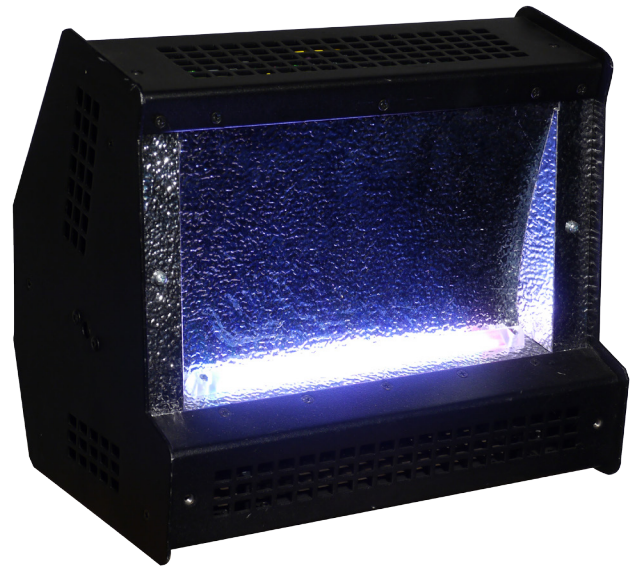# SPECTRA CYC 100

The Spectra Cyc is a 100 Watt cyclorama/wall wash luminaire utilizing high output Luxeon Rebel LED emitters. Designed for theatrical and architectural applications, the Spectra Cyc blends color via a patented LED lens and reflector combination which reduces pixelization from direct view. The on-board power supply allows for direct power & data input which can be daisy chained through up to 20 units. Designed for use on 6'-8' centers, individual units can be linked side by side for greater saturation of light. The Spectra Cyc is compatible with both DMX and RDM protocols, and comes with a library of pre-programmed single colors and various color mixes. Units can be utilized for both floor and Sky-Cyc applications.

100 WATT
SPECTRA CYC 100
Features

- Available in 4 Standard LED color configurations: *RGBA, RGBW, 3K White or 3K-6K Tunable White[†]*.

- Convection Cooled

- Asymmetrical reflector designed for broad, even distribution

- 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.

- Pre-programmed modes for fixed colors, timed color changes and strobes.

- 11 lbs.

- ETL & cETL listed.

- Made in the USA

Model Number	
SSCYC100-*-**	Spectra Cyc 100W Luminaire with power and data passthroughs
* (LED Array)	Add the following code for the LED Array: RGBA, RGBW, 3K, or 3K6K[†]
** (Body Color)	Add the following code for housing Color: B=Black, W=White, S=Silver

[†] *(custom array options also available)*

11.65

11.20

7.45

ALTMAN
Lighting
BRINGING IMAGINATION TO LIGHT

Photometrics:

3K WHITE

Illuminance at a Distance			
Dist.	Center Beam FC	Beam Width	
		V Spread(38º)	H Spread(82º)
1.7 ft	52.16 fc	1.1 ft	2.9 ft
3.3 ft	13.04 fc	2.3ft	5.8 ft
5.0 ft	5.80 fc	3.4 ft	8.7 ft
6.7 ft	3.26 fc	4.6 ft	11.6 ft
8.3 ft	2.09 fc	5.7 ft	14.5 ft
10 ft	1.45 fc	6.9 ft	17.4 ft

RED

Illuminance at a Distance			
Dist.	Center Beam FC	Beam Width	
		V Spread(38º)	H Spread(82º)
1.7 ft	16.31 fc	1.1 ft	2.9 ft
3.3 ft	4.08 fc	2.3ft	5.8 ft
5.0 ft	1.81 fc	3.4 ft	8.7 ft
6.7 ft	1.02 fc	4.6 ft	11.6 ft
8.3 ft	0.65 fc	5.7 ft	14.5 ft
10 ft	0.45 fc	6.9 ft	17.4 ft

GREEN

Illuminance at a Distance			
Dist.	Center Beam FC	Beam Width	
		V Spread(38º)	H Spread(82º)
1.7 ft	60.80 fc	1.1 ft	2.9 ft
3.3 ft	15.20 fc	2.3ft	5.8 ft
5.0 ft	6.76 fc	3.4 ft	8.8 ft
6.7 ft	3.80 fc	4.6 ft	11.7 ft
8.3 ft	2.43 fc	5.7 ft	14.6 ft
10 ft	1.69 fc	6.9 ft	17.5 ft

BLUE

Illuminance at a Distance			
Dist.	Center Beam FC	Beam Width	
		V Spread(38º)	H Spread(82º)
1.7 ft	5.80 fc	1.2 ft	2.8 ft
3.3 ft	1.45 fc	2.3ft	5.6 ft
5.0 ft	0.64 fc	3.5 ft	8.5 ft
6.7 ft	0.36 fc	4.6 ft	11.3 ft
8.3 ft	0.23 fc	5.8 ft	14.1 ft
10 ft	0.16 fc	7.0 ft	16.9 ft

AMBER

Illuminance at a Distance			
Dist.	Center Beam FC	Beam Width	
		V Spread(38º)	H Spread(82º)
1.7 ft	56.41 fc	1.1 ft	2.9 ft
3.3 ft	14.10 fc	2.3ft	5.8 ft
5.0 ft	6.27 fc	3.4 ft	8.7 ft
6.7 ft	3.53 fc	4.6 ft	11.6 ft
8.3 ft	2.26 fc	5.7 ft	14.5 ft
10 ft	1.57 fc	6.9 ft	17.4 ft

Maximum recommended spacing is 6' on center, 2'-4' back from lighted area. For a brighter, more saturated effect, Spectra Cyc's can be set closer or linked directly to the next via a joining bracket - SS-CYC-LINK

DMX 512 or RDM signal in

To AC power

A DMX 512 Terminator must be installed on the last fixture in the chain.

Feed through data & power capabilities for up to 20 Spectra Cyc 100's. PowerCON and DMX jumper cables sold separately.

ALTMAN Lighting

BRINGING IMAGINATION TO LIGHT
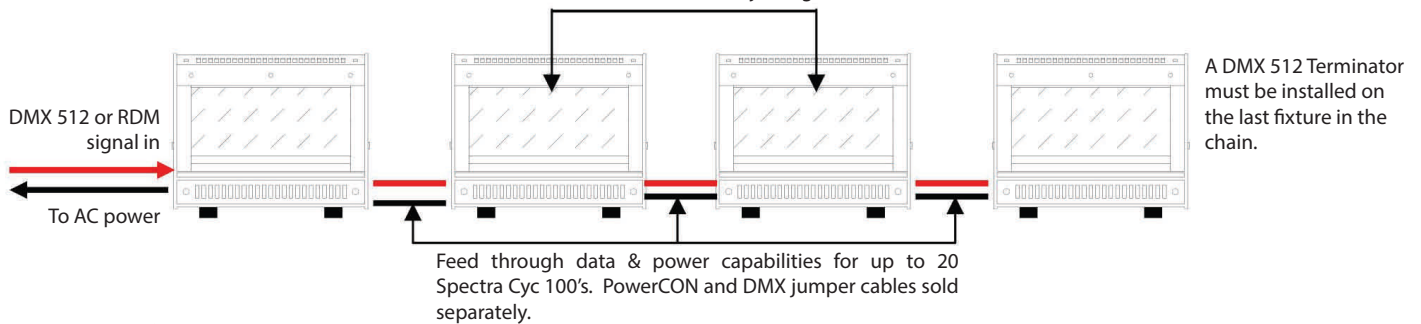
Specifications:

Materials: Construction employs all corrosion-resistant materials and hardware.

Housing: Lightweight aluminum fabrication.

Light Engine: Luxeon Rebel LED's– 100 Watts Max at full RGBA

Reflector: Proprietary curve, specular aluminum

Rating: Multi-Voltage; 100-240 volt AC operation

Data Ports: 1 Male & 1 Female flush mount 5-Pin XLR

Power Cable: 5' total length powerCON in and standard connector.

AC Out: Flush mount powerCON for feed thru power to other Spectra Cyc units only. Max 20 Spectra Cyc's per power daisy chain

Finish: Black, White or Silver TGIC polyester, electrostatic application. Custom colors available

Weight: Approx. 11 lbs. (4.99 kg)

Note: C-Clamp is not included with the fixture and must be ordered in addition.

Accessories:

Model Number	
SC-36-BK	Black Safety Cable (Included)
510	Malleable Iron Pipe Clamp (2 lbs.)
FT	Black Floor Trunion, Pair
SS-CYC-SHIELD	Spectra Series LED Cyc Safety Shield
SS-CYC-LINK-*	Spectra Series LED Cyc Link Plates with Hardware
SS-CYC100-CF-*	100-Watt Spectra Series LED Cyc Color Frame
SS-CYC100-YOKE*	Spectra Cyc 100 Yoke with Hardware for 1 Fixture (includes C-clamp.)

*Add the following code for finish: -B, -W, -S

ALTMAN Lighting
BRINGING IMAGINATION TO LIGHT