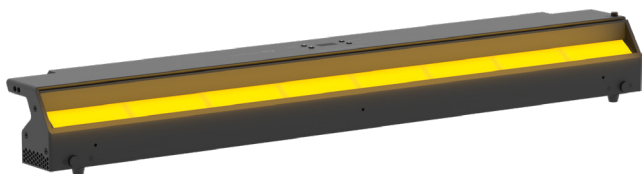


EclCyclorama 100

330W linear soft CYC and flood light with RGB+Warm White colour mixing

ORDER CODE: **ECLCYC100**



EclCyclorama 100 is a soft-edge, linear cyclorama and floodlight, designed in a surprisingly low profile form factor to meet applications at both front and end of the stage, offering an unprecedented level of brightness in its category. The fixture is equipped with a custom and calibrated RGB + Warm White LED source, which is capable to deliver a linear and high quality white reproduction of the entire spectrum with high CRI, TLCI and TM30 performances. The optical system has been designed to offer a very wide asymmetric beam angle, and capable of a superior lumen efficiency, making the **EclCyclorama** range a very flexible solution, suitable for both application where fixture are connected each other or separated by a considerable distance, without worrying of dark-edge or uniformity gaps. The fixture is extremely user friendly and offers a multitude of control possibilities being DMX, RDM, Artnet, sACN and Wireless DMX.

MAIN FEATURES

- RGB + Warm White colour systems allows high quality of whites (CRI 93 @3.200 K) and bright colours.
- Slim design, with only 12 cm height for easy implementation in the front or at the back of the stage.
- Wide Asymmetric beam angle to allow flexible installation at modular distances between fixtures
- Hardware designed with tilt angle adjustment, beam control and flexible hanging and ground stacking applications.

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 330W RGB + Warm White LEDs
- Luminous flux: (with 40°x80° filter on board) 22'649 @Full
- Lux: @1 m to wall and 1,5 m height @full (with standard filter 40°x80°) 1'240 lx - (with 40° filter) 2'610 lx - (with 10°x60° filter) 3'110 lx - (with 30°x60° filter) 2'880lx
- CRI: 93 @3.200 K; 92,6 @5.600 K
- R9: 88 @3.200 K; 93,7 @5.600 K
- TLCI: 91 @5.600 K
- TM30 Rf: 90,9 @5.600 K
- TM30 Rg: 106 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: (VxH) 40°x80°
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour mixing: RGB + Warm White
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K - 10.000K
- Colour wheel: virtual colour wheel with macros

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control

CONTROL

- Supported Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface

ELECTRONICS

- Dimmer curves: selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

ACCESSORIES & RELATED PRODUCTS

- | | |
|----------------|--|
| • OS25PLUS | Quick-Lock omega bracket, M12 hole |
| • TOUR53415L03 | Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m |
| • RSR0630B | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black |
| • AETHERBOXONE | IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE |
| • AETHERBOX | IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready |
| • C6002B | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black |

CONNECTIONS

- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: RJ45 IN/OUT

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 400W
- Standby power: 110V (60Hz): 9,4W; 230V (50Hz): 9,6W
- Power factor: >0,94

PHYSICAL

- IP rating: IP20
- Cooling: passive, fan-free
- Housing: Sturdy die-cast aluminium body
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 1000x119x148mm / 39.37"x4.69"x5.83"
- Weight: 9,6kg / 21.16lbs

INSTALLATION

- Suspension and fixing: any position with quick-lock omega brackets
- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Other: +/- 8° angle adjusting

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

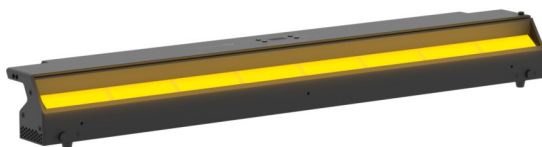
BOX CONTENT

- 1 x ECLCYC100
- 2 x OS25PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- User Manual

- | | |
|-------------------|--|
| • FCLECLCYC | Flightcase for 4 pcs of ECLCYC100 or 8 pcs ECLCYC050 divided in two layers |
| • ECLCYCBD100 | Upper and lower barndoors for adjust the light beam |
| • ECLCYC100PO | Pole operated aluminium yoke bracket for pan/tilt |
| • ECLCYCF40L100 | Light diffusion filter for ECLCYC series projectors, 40°, 100 cm |
| • ECLCYCF1060L100 | Light diffusion filter for ECLCYC series projectors, 10°x60°, 100 cm |
| • ECLCYCF3060L100 | Light diffusion filter for ECLCYC series projectors, 30°x60°, 100 cm |
| • ECLCYCOHB | Orientable hanging bar for ECLCYC series projectors |
| • UPBOXPRO | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector |

PRESET FULL ON

Beam angle 50%: 42°x83°



Total lumen output:

22727 lm

Peak candela output:

24784 cd

Light quality:

CRI: 89,9

Color temperature:

6602 K

PRODUCT NAME:

ECL CYC100

MEASUREMENT CONDITIONS:

Beam angle:

Filter Native

Target:

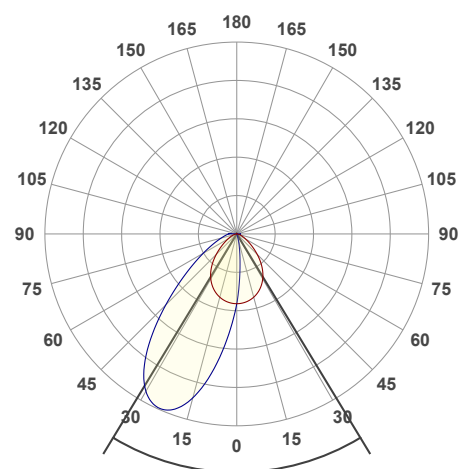
Full On

Operator:

Paolo Carvone

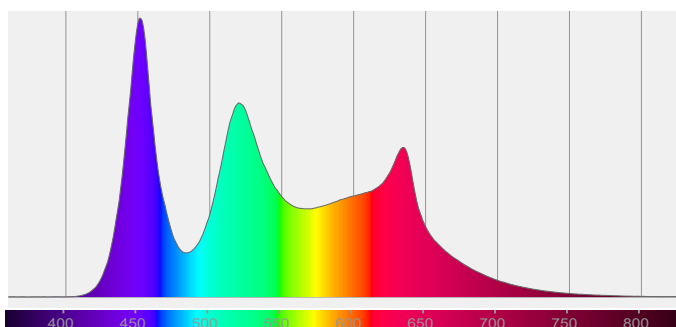
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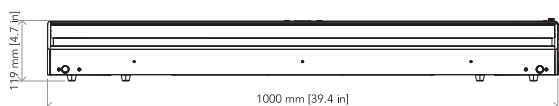


	Blue curve V	Red curve H
Beam angle 50%:	42°	82,9°
Field angle 10%:	81,1°	130,4°
Cut off angle 2.5%:	107,4°	159,3°

Spectra



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations



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