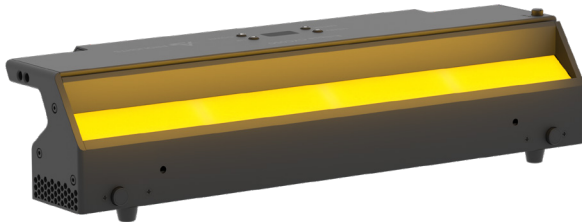# EclCyclorama 050

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

ORDER CODE: **ECLCYC050**

EclCyclorama 050 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 unprecedent 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 asymetric 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 firendly and offers a moltitude 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: 170 W RGB + Warm White
- Luminous flux: (with 80°x40° filter on board) 13'896 lm @full
- Lux: @1 m to wall and 1,5 m height @ full (with standard filter) 625 lx - (with 40° filter) 1'530 lx - (with 10°x60° filter) 1'590 lx - (with 30°x60° filter) 1'690 lx
- CRI: 93 @3.200 K; 91 @5.600 K
- R9: 91 @3.200 K; 95 @5.600 K
- TLCI: 87 @5.600 K
- TM30 Rf: 88,8 @5.600 K
- TM30 Rg: 107,4 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: (HxV) 80° x 40°
- Additional optics: see available accessories

COLOUR SYSTEM
- Colour mixing: RGB + Warm White
- CTC: CTC control, + / - green correction, Tungsten emulation
- White presets: 2.800 K - 6.500 K
- Colour wheel: virtual colour wheel with macros

DYNAMIC EFFECTS
- Control Resolution: 16bit dimmer, colours
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

BODY
- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Body: sturdy die-cast aluminium body
- Body colour: black
- Other: +/- 8° angle adjusting

CONTROL
- Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- W-DMX: included, wireless solution receiver
- RDM: RDM ready for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included

ELECTRONICS
- Dimmer curves: selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Mains power supply: 100-240 V - 50/60 Hz
- Max power consumption: 180 W
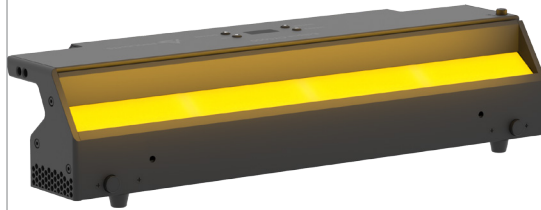- Power factor: >0,94

PHYSICAL
- Cooling: heat sink without fan
- Sospension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: RJ45 IN/OUT
- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- IP rating: IP20
- Dimensions (WxHxD): 500x119x148 mm
- Weight: 5 kg

ACCESSORIES & RELATED PRODUCTS

- OS25: Quick-lock omega bracket (included)
- ECLCYC050PO: Pole operated aluminium yoke bracket for pan/tilt for ECLCYC050
- FCLECLCYC: Flightcase for 4 pcs of ECLCYC100 or 8 pcs ECLCYC050 divided on two layers
- ECLCYCBD050: Upper and lower barn door for adjust the light beam for ECLCYC050
- ECLCYCF40L050: Light diffuser filter for ECLCYC series projectors, 40°, lenght 50 cm
- ECLCYCF1060L050: Light diffuser filter for ECLCYC series projectors, 10°x60°, lenght 50 cm
- ECLCYCF3060L050: Light diffuser filter for ECLCYC series projectors, 30°x60°, lenght 50 cm
- ECLCYCOHB: Orientable hanging bar for ECLCYC series projectors
- UPBOX1U: Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

COLOUR PRESET FULL ON
Beam angle 50%: 80°x40°

Total lumen output:

| 13100 lm |

Peak candela output:

| 13655 cd |

PRODUCT NAME:
ECL CYC050
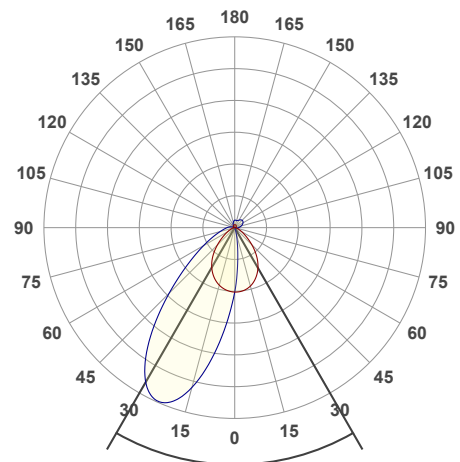
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Filter Native
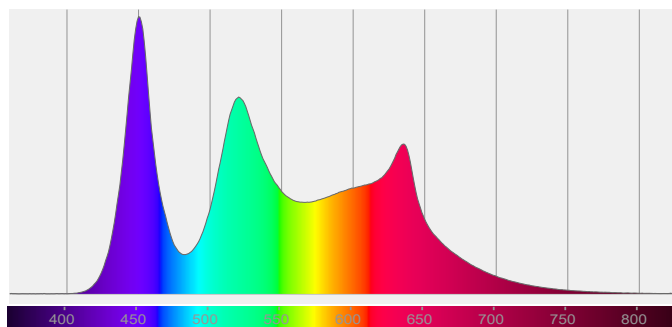
Target:
Full On

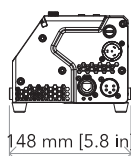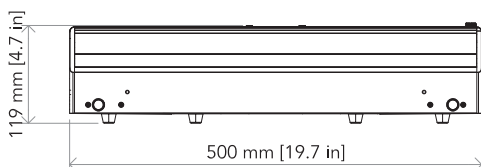Operator:
Paolo Carvone

Date and time:
25/05/2020   13:15:32

x(red curve) beam angle 50% 79.8°
y(blue curve) beam angle 50% 40°

Spectra

TECHICAL DRAWINGS

119 mm [4.7 in]

500 mm [19.7 in]

148 mm [5.8 in]

For more product
info and downloads
visit our website

CE