PLCYC1 MKII LED Luminaire

A breakthrough in cyclorama lighting the PLCYC1 MKII LED Luminaire delivers smooth even cyclorama lighting in a compact light weight design. Using just 140 watts of power to illuminate drops up to 5 meters high each unit can replace the equivalent of a traditional 4 color 500 watt luminaire. A typical cyc can be powered from a single circuit using our convenient PowerCON cabling system for power along with standard DMX cables.

The PLCYC1 MKII LED Luminaire may be used for top or bottom lighting with units spaced on 1.2 meter – 4 foot centers for optimum performance and value.

PLCYC1 MKII LED Luminaire

Features

- Delivers the performance of a 500 watt cyclight with a maximum power consumption of 140 watts with a smooth even field for cycloramas up to 5m – 16ft high

- Simple spacing system 1.2m - 4ft from cyc surface 1.2m – 4ft on center spacing

- Designed for top or floor mounting with kick stand yoke

- Infinite color choice from the RGBW engine and supporting color temperature in white

- Homogenized fully mixed color output light, no multiple color shadows

- 50,000 hour life before degradation in light output and quality is expected

- Quick selection of Warm White, Cool White, and Daylight

- Color presets simplifies matching existing light sources

- User defined on board presets states available to record your color composition

- Constant color balance down to very low light levels irrespective of intensity setting

- DMX512 Input/Output with 8 or 16-bit resolution and a simple 5-channel control

- RDM controls and setup of fixture allows device settings to be configured remotely

- On-board LCD menu is updated for ease of luminaire set up and addressing

- No ultra-violet (wavelengths of less than 400nm) – for UVA, B or C or the Infrared spectrum (wavelengths of more than 775nm)

- Luminaire color: black

- Electronic universal power supply 100-240VAC

- PowerCON In and Through connectors

- cETLus listed, C-Tick, and CE marked (IP20 Rated)

Supplied by:

lightmoves

Melbourne
03 9701 2500

Sydney
02 9737 8988

info@lightmoves.com.au   www.lightmoves.com.au

SPECIFICATION SUBMITTAL

CONSULTANT:	PROJECT NAME:	MODEL NUMBER | QUANTITY:							
DATE:	PROJECT NUMBER:	APPROVED BY:							

PLCYC1 MKII LED Luminaire

Advanced Control

The PLCYC1 MKII LED luminaire has an on-board LCD menu system for luminaire setup, control, and addressing. The revised menu system is extremely user-friendly, offering all the configuration options within a few button presses, speeding up setup.

Console Control

All PLCYC1 MKII luminaires now have added support for Remote Device Management (RDM) and DMX512 control. A choice of 8 or 16 bit control resolution or new, simple, 5-channel control is available. Extended color and color temperature control is provided by either the Strand Lighting NEO or Palette families of control consoles to simplify programming and luminaire color matching.
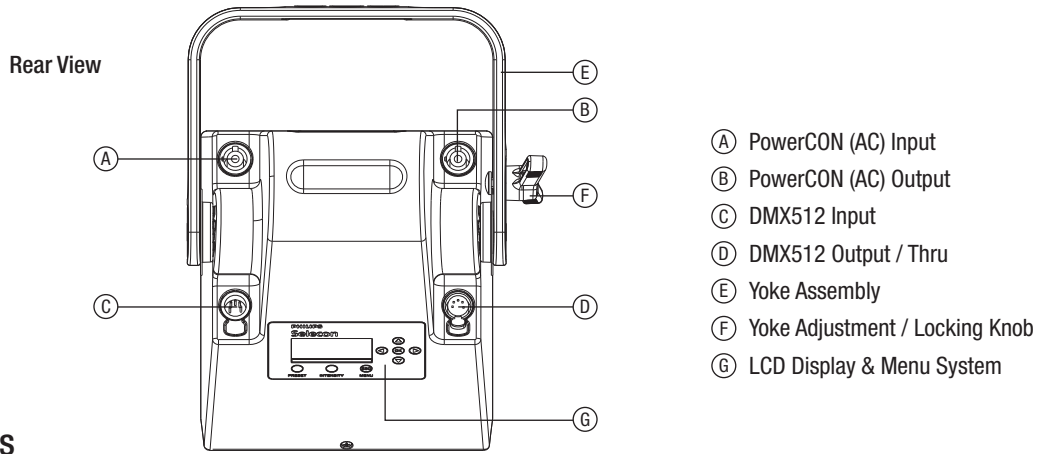
PLCYC1 MKII LED Engine

The PLCYC1 MKII luminaire's powerful LED engine offers exceptional performance and life. Under normal operating conditions our LED engine has a life expectancy in excess of 50,000 hours, however under worse case operating conditions with the luminaire set to continuous full output, it is possible that a small percentage of LEDs may require replacement sooner. With the new LED engine, power consumption has been reduced by approximately 7%, while color consistency has been greatly improved, ensuring unit-to-unit matching of colors.

PLCYC1 MKII Luminaire Advanced Control

1 LCD Menu Display

2 Local controls offer the ability to access preset color temperatures; locally stored custom presets adjust intensity; colors and motorized focus.
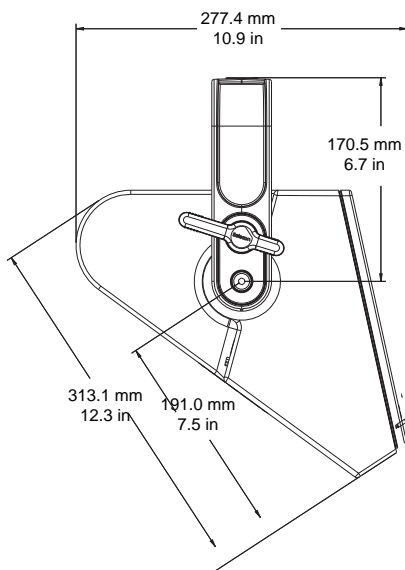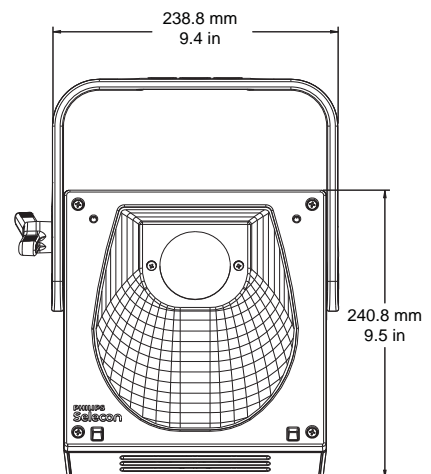
PHILIPS

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Rear View

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(A) PowerCON (AC) Input
(B) PowerCON (AC) Output
(C) DMX512 Input
(D) DMX512 Output / Thru
(E) Yoke Assembly
(F) Yoke Adjustment / Locking Knob
(G) LCD Display & Menu System

Technical Specifications

Source Specification

Source: True RGBW 120W LED Engine, using custom designed LED array

Optical Specifications

Output: > 2000 lumens (Full RGBW white light)
CRI: >80 @ 4000K White LED only
Beam Spread: 42⁰ Vertical / 38⁰ Horizontal

Electrical Specifications

Operating Voltages: 100 to 240 Volts AC (auto-ranging)
Frequency: 50/60 Hz
Current Draw: 1.2 Amps (120V) / 0.6 Amps (240V)
Power Consumption:
- Maximum: 140W With all LEDs at full RGBW (100%)
- Standby Power   5W (unit powered, LEDs off)

Environmental Specifications

Ambient Temperature: 0° to 40°C (32° to 104°F)
IP Rating: IP20 Indoor Use Only
Conformity: cETLus Listed CE, and C-Tick Marked

Control Specifications

Control: On-Board Menu / DMX512 / RDM DMX512
DMX512 Channels: 15 Channels (16-Bit Mode)
                            9 Channels (8-Bit Mode)
                            5 Channels (5-Channel Mode)

Mechanical Specifications

Construction: Machined aluminum, sheet metal, and molded engineering grade plastic components
Color: Black
Weight: 7.3 lbs / 3.3 kg (luminaire and topbox)

Shipping Specifications

Packed Size: 15.25" x 15.50" x 14.25" / 323.9 mm x 323.9 mm x 603.3 mm
Packed Weight: 12 lbs / 5.5 kg

ETL Listed — Intertek   C E   Z899

Dimensions

Side View

277.4 mm
10.9 in

170.5 mm
6.7 in

313.1 mm
12.3 in

191.0 mm
7.5 in

Front View

238.8 mm
9.4 in

240.8 mm
9.5 in

PHILIPS

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Infinite color choices from the RGBW engine and supporting color temperatures in white.

Ordering Information

Cat No.   **Description**

PLCYC1 MKII LED Luminaires

PLCYC1MKII1-03-*

PLCYC1 MKII LED Luminaire, Black, with SC C-Clamp, Safety Cable, and AC Input Cable*

*Specify AC input connector at time of ordering (**GR** - Edison / **GP** - Grounded Stagepin / **GTL** - Twistlock).

PLCYC1MKII1

PLCYC1 MKII LED Luminaire, Black, with SC C-Clamp, Safety Cable, and AC Input Cable (bare-end, no AC input connector)

Accessories - Clamps

SC   Selecon Molded Yoke Rated C-Clamp
MC   Mega Claw, Black Anodized

Accessories - AC Power Input Cables

PC1BE   PLCYC1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON without AC connector (bare end)
PC1GP   PLCYC1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON with Stagepin Connector
PC1GTL   PLCYC1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON with Twistlock Connector
PC1GR   PLCYC1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON with Edison Connector

Accessories - AC Interconnect Cables

PC3PC   PLCYC1 MKII Luminaire PowerCON Male to PowerCON Female 2.5 Meter Cable for interconnection between units

Accessories - Luminaire Software Uploader Cable

PEGASUS   USB Luminaire Software Programming Kit (for updating luminaire software) - includes USB Upload Cable, and Carry Bag

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