PLPROFILE1 MKII LED Luminaire

The PLPROFILE1 MKII LED luminaire is a variable beam profile with precise beam control and pattern projection from a high output beam. An innovative combination of LED source technology and precision optical design, the PLPROFILE1 MKII luminaire delivers Philips Selecon's industry benchmark projection quality in a compact, robust fixture.

A key benefit of the PLPROFILE1 MKII luminaire is that it is no longer necessary to change lamps or color filter. Combining the superior control and light quality of a Philips Selecon Profile with seamless fading between colors allows designers a new level of creativity. Less power consumption and no dimmer circuits makes the PLPROFILE1 MKII luminaire the obvious choice for pattern projection and stage washes.

The PLPROFILE1 MKII also hosts smart cable management with the inclusion of PLICB (PL Interconnect Box). The PLICB mounts to the luminaires yoke, between the C-Clamp and the yoke and swivels independently to allow for the luminaire to move freely through its focus range with no need for a cable service loop. The PLICB allows for all of the luminaires cabling with DMX and PowerCON in and through connections.

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Features

- Delivers the performance of a 500 Watt profile fixture with a maximum power consumption of 140 Watts
- Available in 18 to 34 or 24 to 44 degree beam angles
- Interchangeable lens tray between medium and wide versions
- Slot provided for iris, M-size pattern holder, or third party effect accessory
- Infinite color choices from the RGBW engine and color temperatures in white
- Homogenized fully mixed color output light, no multiple color shadows
- 50,000 hours of life expectancy
- Quick selection of Warm White, Cool White, and Daylight
- User defined on board presets states available to record your color composition
- Color presets simplifies matching existing light sources
- 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 (PLICB)
- cETLus listed, C-Tick, and CE marked (IP20 Rated)

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SPECIFICATION SUBMITTAL

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

PLPROFILE1 MKII LED Luminaire

Advanced Control

The PLPROFILE1 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 PLPROFILE1 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.

PLPROFILE1 MKII LED Engine

The PLPROFILE1 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.

PLPROFILE1 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.

Interchangeable lens trays for fast and easy choice of either medium zoom (18-34 degrees) or wide zoom (24-44 degrees) without the use of tools. Lens trays sold separately.

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For product photometric information, refer to the photometrics guide for this product on the Strand Lighting web site at www.strandlighting.com in the product downloads section.

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 Angle:	18-34 Degrees or 24-44 Degrees (depends on lens option purchased)

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:	17.2 lbs / 8.5 kg (luminaire and topbox)

Shipping Specifications

Packed Size:	12.75" x 13.00" x 32.50" / 323.9 mm x 330.2 mm x 825.5 mm
Packed Weight:	22 lbs / 10.0 kg

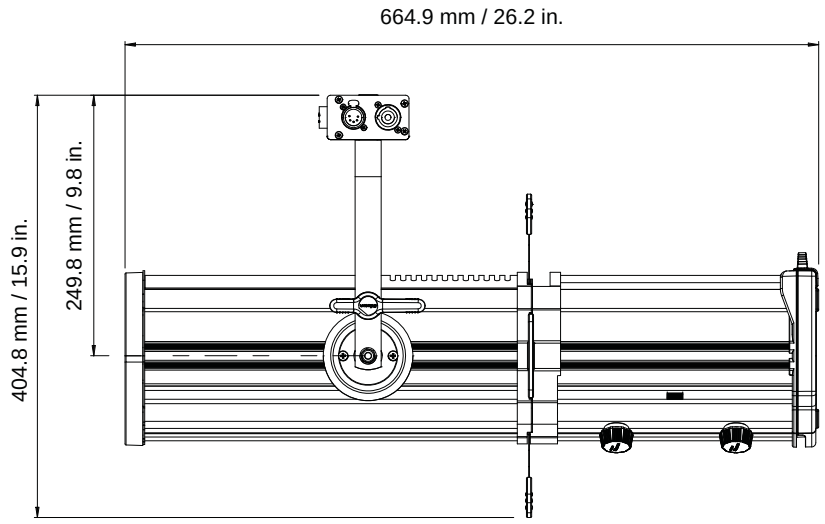
C ETL US LISTED Intertek

CE

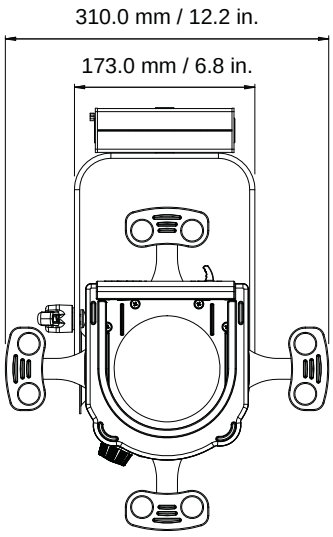
Z899

Dimensions

Side View



Front View



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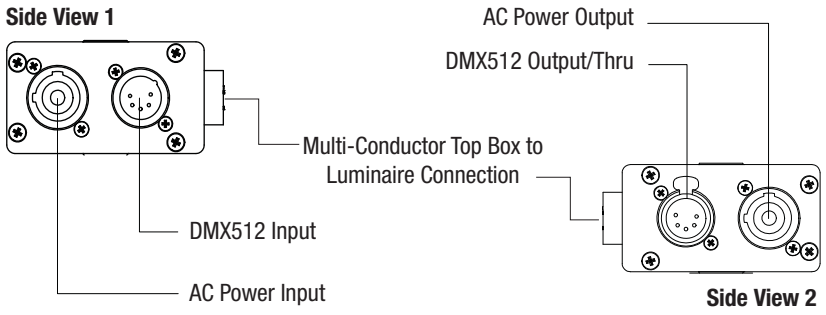
Top Box (PLICB) Luminaire Connections



Ordering Information

Cat No. Description

PLPROFILE1 MKII LED Luminaires

PLZS1MKII-1834-03 *

PLPROFILE1 MKII LED Luminaire, 18-34 Degree Zoomspot, Black, with Top Box (Interconnect) Assembly, SC C-Clamp, Safety Cable, and AC Input Cable

PLZS1MKII-2444-03 *

PLPROFILE1 MKII LED Luminaire, 24-44 Degree Zoomspot, Black, with Top Box (Interconnect) Assembly, SC C-Clamp, Safety Cable, and AC Input Cable

*This Luminaire utilizes a Neutrik PowerCON Type A blue power inlet and ships with a 39 inch PowerCON power input tail. If a factory-installed AC connector is required, for an additional charge, at time of ordering, specify AC input connector (GR - Edison / GP – Grounded Stagepin / GTL - Twistlock).

Accessories - Zoomspot Lenses

15ACAX1834LT Acclaim Axial Zoomspot 18-34 Degrees Lens Tray, Black
15ACAX2444LT Acclaim Axial Zoomspot 24-44 Degrees Lens Tray, Black

Accessories - Clamps

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

Accessories - Top Box Assembly

PLICB Spare Top Box (Interconnect) Assembly

Accessories - AC Power Input Cables

PC1BE PLPROFILE1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON without AC connector (bare end)
PC1GP PLPROFILE1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON with Stagepin Connector
PC1GTL PLPROFILE1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON with Twistlock Connector
PC1GR PLPROFILE1 MKII Luminaire AC Power Input Cable (39 inches / 1 meter), PowerCON with Edison Connector

Accessories - AC Interconnect Cables

PC3PC PLPROFILE1 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 firmware) - includes USB Upload Cable, QuickStart Guide, and Carry Bag

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