KEY FEATURES

400W RGBMA LED Engine

ColourTune Technology Software Integration

15,588 Total Fixture Lumen Output (Sphere)

Accepts 3rd Party Ellipsoidal Shutter Barrels

Stand-Alone Control with Touch Encoder and OLED Display

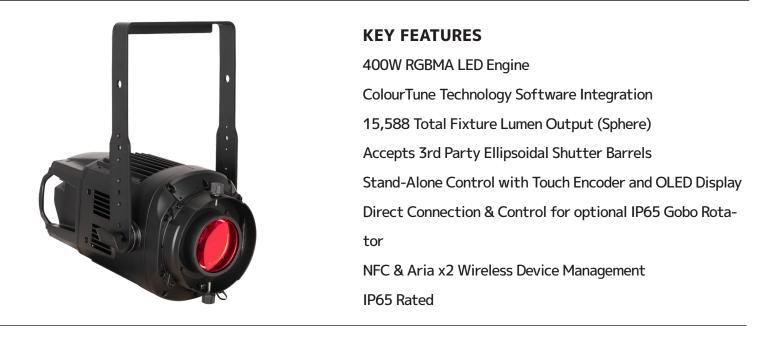Direct Connection & Control for optional IP65 Gobo Rotator

NFC & Aria x2 Wireless Device Management

IP65 Rated

The **KL CORE IP LED** engine offers nearly endless functionality in a rugged and adaptable design. Central to the performance of the device is its high-output, 400W Full-Spectrum LED that is capable of delivering over 15,000 lumens of output.

The **KL CORE IP**'s fully homogenized light source makes it incredibly adaptable. For ellipsoidal applications, the fixture can be paired with an optional KL CORE IP Shutter Barrel and used with any of the IP67-sealed lens tubes, functioning as a traditional LED ellipsoidal. The design is also compatible with most 3rd party shutter barrel assemblies, allowing seamless integration with existing setups. Further expanding its flexibility, the optional KL CORE IP Fresnel Lens transforms the fixture into a zoomable Fresnel, while the optional KL CORE IP Bowens Mount allows it to function as a monolight or lamp head for use with softboxes, lanterns, open-face reflectors, or other beam modifiers, making it ideal for TV/film and broadcast applications.

With the new ColourTune Technology software the fixture offers outstanding color rendering with a high CRI of 94.9 and TLCI of 95, fully variable 16bit CCT control, and remotely adjustable LED refresh frequency. The integrated touch bar encoder allows the device to be easily controlled in stand-alone applications, and the Aria x2 wireless device management integration also offers additional control options. Configuration is made simple with the use of onboard NFC.

While the IP65-rating of the **KL CORE IP** keeps it safe in the harshest outdoor environments, it also ensures the device will work well for any indoor application too- helping to keep the fixture cleaner and dust free over long periods of time.

With its exceptional light quality, robust design, and unmatched flexibility, the **KL CORE IP** is the ultimate fixture for professionals who need a high-performance solution that adapts to a wide range of lighting requirements.

ELATION®

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CORE IP

SPECIFICATIONS

SOURCE
400W 6,000K RGBMA LED Engine
20,000 Hour Average LED Life*
*Test lab conditions. May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling),Control, and Dimming.

PHOTOMETRIC DATA
Total Lumen Output:
15,588 (Integrating Sphere)
CRI 94.9
TLCI 95

EFFECTS
Variable Strobe Rate: 1- 20Hz
Dim-to-Warm/ Red Shift Emulation
Variable 16-bit Dimming Modes and Curves

COLOR
ColourTune Technology
High Brightness and High Fidelity Output Options
RGBMA Color Array
CMY Emulation
16bit Fully Variable CCT 2400K - 8500K
Green/Magenta Shift
Virtual Gel Swatch Book

CONTROL / CONNECTIONS
9 DMX Channel Modes (1, 4, 6, 10, 11 19, 9, 15, 13)
Manual and DMX Controlled Dimmer and Color
Single Touch Bar Encoder
4 Button Control Panel, LED Display
Integrated IP65 Gobo Rotator Connector and Control
RDM (Remote Device Management)
Aria x2 Wireless Device Management
NFC Configuration
IP65 5pin DMX and IP65 Locking Power Cable In/Out

SIZE / WEIGHT
Length: 9.1" (230mm)
Width: 11.5" (292 mm)
Height: 18.5" (471 mm)
Weight: 22.0 lbs (10.0 kg)

ELECTRICAL / THERMAL
AC 100-240V - 50/60Hz
520W Max Power Consumption
Power Thru Capacity: 7A (1 units @115V, 4 units @240V)
5°F to 113°F (-15°C to 45°C)
BTU/hr (+/- 10%) 1773.2

INCLUDED ITEMS
Safety Cable
IP65 Locking Power Cable

OPTIONAL ACCESSORIES
KL CORE IP Shutter Barrel (KLC113)
KL CORE IP Bowens Mount (KLC136)
KL CORE IP Fresnel Lens (KLC125)
KL CORE IP with Shutter Barrel Kit (KLC124)
14deg IP Lens Tube (IPL014)
19deg IP Lens Tube (IPL119)
26deg IP Lens Tube (IPL226)
36deg IP Lens Tube (IPL336)
50deg IP Lens Tube (IPL450)
70deg IP Lens Tube (IPL570)
IP65 Gobo Rotator (IPGR01)
4 Wire Hardwire Installation Plate (HWP404)
2 Wire Hardwire Installation Plate (HWP202)

APPROVALS / RATINGS
CE | cETLus | IP65 | FCC | UKCA

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CORE IP

400W Full Spectrum RGBMA LED IP65 Light Engine

ORDERING INFORMATION

SKU (US)	SKU (EU)	DESCRIPTION
KLC102	1237000299	KL Core IP
KLC113	N/A	KL Core IP Shutter Barrel
KLC136	N/A	KL Core IP Bowers Mount
KLC125	N/A	KL Core IP Fresnel Lens
KLC124	N/A	KL Core IP with Shutter Barrel Kit
IPL014	N/A	14deg IP Lens Tube Kit
IPL119	N/A	19deg IP Lens Tube Kit
IPL226	N/A	26deg IP Lens Tube Kit
IPL336	N/A	36deg IP Lens Tube Kit
IPL450	N/A	50deg IP Lens Tube Kit
IPL570	N/A	70deg IP Lens Tube Kit
IPGR01	N/A	IP65 Gobo Rotator
HWP404	1236300104	4 Wire Hardwire Installation Plate
HWP202	N/A	2 Wire Hardwire Installation Plate

UNIT DIMENSIONS

230mm [9.1in.]
239mm [9.4in.]
292mm [11.5in.]

Ø13mm [Ø0.5in.]
107mm [4.2in.]

471mm [18.5in.]

397mm [15.6in.]
471mm [18.5in.]
239mm [9.4in.]

239mm [9.4in.]
230mm [9.1in.]
470mm [18.5in.]

397mm [15.6in.]