impression FR1 TM

HIGH LIGHT-OUTPUT IN A COMPACT BASELESS DESIGN

The GLP impression FR1 brings a powerful new level of versatility and quality with one of the most compact automated lighting packages available today.

Using a single, high powered 60 Watt homogenized RGBW LED at its core, the impression FR1 features color mixing across a vast spectrum, whilst at the same time can project a crisp, punchy white light, with a full range of color temperature control.

Optical quality is at the forefront with the impression FR1 as it provides a clean, homogenized output at all angles, always giving a clean beam from center to its extreme edge. This consistency and attention to detail allows the impression FR1 to be used in a large range of applications where compromise is not an option.

A super-fast 3.7 to 35 degree zoom range gives full beam control over both short and longer throw distances, and because of its power, the FR1 can project over a long throw.

With quality comes accuracy, and in this area the impression FR1 features 16 bit dimming and 16 bit position control through a range of 629 degrees of pan and 220 degrees

of tilt. But with an added kick, the FR1 also has the ability of bi-directional continuous pan rotation at varying speeds from slow and gentle to extremely fast, for when a little something extra is needed.

A variety of dimmer curve options, along with a full PWM range and other settings are available from the on board menu with critical functions also available to control via the DMX signal.

The Trackmount version fits any EUTRAC and compatible 3-phase tracks. Wireless data via Lumenradio CRMX DMX

Technical Data

LIGHT SOURCE

Type	RGBW LED
Power	60 W
Lifetime	50,000 h
CRI	80
TLCI	80
TM-30-15 Rf/Rg	77 / 106

OPTICAL SYSTEM

Min. Zoom	3.7°
Max. Zoom	35°
Zoom Ratio	1:10

DYNAMIC EFFECTS

Color mixing	RGBW
CTC	2,500 – 10,000 K, electronic
Dimmer	0 – 100 %, electronic
Shutter	Max. 25 Hz, electronic
Internal Effects	Color Presets

MOVEMENT

Pan	629°, 8 – 16 bit
Tilt	210°, 8 – 16 bit
Continuous movement	360° Pan

CONTROL & PROGRAMMING

Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20)
Setting and addressing	Backlit graphic LCD | 4 Button Menu Navigation | DMX | RDM

CONNECTIONS

Power connection	EUTRAC 3-phase tracks
Signal connection	LumenRadio CRMX | DMX

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power	85 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled
Max. ambient temperature	45 °C / 115 °F
Thermal Protection	Overheating protection

INSTALLATION

Mounting	2x Safety Cable attachment point
Orientation	Any

CONSTRUCTION

Housing color	White | Black (optional)

SHIPPING

Single fixture	Cardboard

DIMENSIONS & WEIGHT

Height Head vertical	264 mm / 10.39 in
Widht	190 mm / 7.48 in
Depth	140 mm / 5.51 in
Weight netto	4 kg / 8.81 lbs