

impression[&] FRI

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HIGH LIGHT-OUTPUT IN A COMPACT BASELESS DESIGN

The GLP impression FRI 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 FRI 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 FRI 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 FRI 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 FRI can project over a long throw.

With quality comes accuracy, and in this area the impression FRI features 16 bit dimming and 16 bit position control through a range of 540 degrees of pan and 220 degrees of tilt. But with an added kick, the FRI 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.

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

Total Output	790 lm
Peak Luminous Intensity	105 kcd
Output Lens	100 mm
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

Technical Data

MOVEMENT

Pan	629°, continuous
Tilt	210°
Continuous movement	360° Pan

CONTROL & PROGRAMMING

DMX Channels	16
Control Modes	1
Dimming Curves	Linear Soft
Fan Modes	Regulated High Medium Low
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) LumenRadio CRMX
High-Res Channels	Intensity Pan Tilt
Setting and addressing	Backlit graphic LCD 4 Button Menu Navigation DMX RDM

CONNECTIONS

FR1 Version	
Power connection	Neutrik powerCON In/Out
Signal connection	Neutrik XLR 5-Pin In/Out

FR1 TM VERSION

Power connection	EUTRACK Trackmount Adapter
Signal connection	
CRMX Version	LumenRadio CRMX
DoP Version	GLP DoP

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Power	85 W
Fuse	T5A 20mm

THERMAL SPECIFICATIONS

Cooling Type	Combined convection and forced air
Temperature range	5 °C / 40 °F to 45 °C / 113 °F
Thermal Protection	Automatic
Total heat dissipation	290 BTU/h

INSTALLATION

Mounting	1x Safety Cable attachment point FR1 Version: M10 socket for half coupler or other clamp FR1 TM Version: 1x EUTRACK Trackmount Adapter
Orientation	
FR1 Version	Any
FR1 TM Version	Hanging only
Location	Dry location only

CONSTRUCTION

Housing color	Black White
Housing material	High-impact flame-resistant thermoplastic Aluminum Steel Metal Plates
Protection Rating	IP20
Construction Features	
FR1 Version	baseless design
FR1 TM Version	EUTRACK Adapter for Trackmount installation

SHIPPING

Single fixture	Cardboard
Tourpack	6-way 12-way

DIMENSIONS & WEIGHT

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

ARTICLE NUMBERS

IMPRESSION FR1

Black housing	7686
White housing	7684

IMPRESSION FR1 TM

Black housing	7687
White housing	7688

IMPRESSION FR1 TM DOP

Black housing	7691
White housing	7692