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 540 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 GLP trademark baseless design features on the impression FR1, and offers power in and thru connectors for ease of setting up multiple units. The base also features rubber feet for floor mounting, threaded sockets for coupler attachments and in built safety wire points.

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

Technical Data*

LIGHT SOURCE

Light Source Type	Osram Ostar, RGBW
Light Source Power	85 W
Light Source Lifetime	50,000 h (L70)
CRI (Ra)	80
TLCI	80
TM-30 Rf	77
TM-30 Rg	106

OPTICAL SYSTEM

min. Zoom	3.7°
max. Zoom	35°
Zoom Ratio	10:1

DYNAMIC EFFECTS

Color mixing	RGBW
Color temperature control	2,500 – 10,000 K, electronic
Dimmer / Shutter	0 – 100 % electronic, max 25 Hz
Resolution	8 – 16 Bit
Pan	629°
Tilt	210°

CONTROL AND PROGRAMMING

Control Protocols	DMX (USITT DMX-512)
Setting and addressing	control panel with backlit graphic display

CONNECTIONS

Power connection	Neutrik powerCON
Signal connection	Lumenradio WDMX

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC nominal, 50 – 60 Hz
Fuse	20 m T 5A
EEC	E
EEI	1.193
Ec (kWh/1.000h)	68

THERMAL SPECIFICATIONS

Cooling Type	Temperature controlled, overheating protection
max. ambient temperature (Ta max.)	45°C / 115°F

INSTALLATION

Mounting	Rubber feet, M10 socket for half coupler or other clamp, 2 eyelets for safety wire attachment
Orientation	any

CONSTRUCTION

Housing Color	black white (TM-Version)
Housing Material	high-impact flame-retardand thermoplastic
Construction Features	baseless design

DIMENSIONS & WEIGHT

Height (head straight up)	264 mm / 10.4 in
Width	190 mm / 7.5 in
Depth	140 mm / 5.5 in
Weight (netto)	4 kg / 8.8 lbs