



impression<sup>®</sup>  
FR1

NEW IN 2018

## 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 3.5 to 34 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.

## TECHNICAL DATA

### LED-SOURCE

LED-Type	Osram Ostar
Lifetime (Hours)	50,000
LED count	1
LED colors	RGBW
CRI (Ra)	80
TLCI	80
TM30-15	77/106

### OPTICS

min. Zoom	3,7°
max. Zoom	35°
Zoom-ratio	10:1

### MOVEMENT

Resolution	8 - 16 Bit
Position Feedback	Yes
Pan	540°
Tilt	220°
Continuous Movement	360° Pan

### CONTROL

Control-Modes	Normal
Display	Backlit graphic LCD
Protocol	USITT DMX-512

Cooling	Temperature controlled Overheating protection
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### EFFECTS

Dimmer	0-100% electronic
Shutter	Max. 14 Hz electronic
Color temperature Control	electronic 2,500 K - 10,000 K
Internal effects	Color-Presets
Color mixing	RGBW

### CONNECTORS

Signal connection	XLR 5-Pin
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### OPERATING CONDITIONS

Mains voltage	100-240 VAC / 50-60Hz
Power (Watt @ 230V)	85 W
Fuse	20mm T 5A
Max. ambient temperature	45°C / 115°F
Orientation	any
EEC	E
EEL	1,193
Ec (kWh/1.000h)	68

### INSTALLATION

Standing	Rubber feet
Hanging (vertical)	M10 socket for half coupler, or other clamp
Safety wire attachment	2 eyelets

### SHIPPING

Single fixture	Cardboard
Tourpack	6-way 12-way Flightcase

### HOUSING COLORS

Standard color	Black
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### DIMENSIONS & WEIGHT

Lenght	140 mm / 5.5 in
Width	190 mm / 7.5 in
Height (Head vertical)	264 mm / 10.4
Weight	4 kg / 8.8 lbs

