

FUSION Stick FS16 Z

FUSION
by GLP



Key Facts

- 16 x 20 Watt RGBW LED
- 8° – 40° Zoom
- Halo Diffusor Ring – Improved Pixel Visibility
- Pixel Pitch – seamless conjunction of devices
- IP 65

READY FOR ANY APPLICATION

The FUSION Stick FS16 Z has a motorized zoom between 8° and 40° beam angle. It is still the same size and dimensions as the FUSION Stick FS20, so all diffusors, including asymmetrical options, and accessories are available to use.

The Halo Ring is another innovation implemented to increase pixel visibility in TV applications. In all camera angles the single pixels are visible at any zoom position due to the ring around the front lens and still create stunning narrow beams.

The FUSION Stick FS16 Z features an IP rating of 65, allowing for full outdoor use regardless of poor weather conditions. To that end the Stick features a fanless design, which not only ensures the IP65 rating, but also enables silent operation for sound sensitive environments such as theaters or television.

The direct vertical hanging and standing are one of the key features to create stunning effects with less rigging effort.

No matter what the application, the FUSION Stick FS16 Z is the right choice.



Technical Data

LIGHT SOURCE

Light Source Type	RGBW
Light Source Power	20W
LED Count	16
Lifetime	20,000h (L70)
CRI (Ra)	70+

OPTICAL SYSTEM

Min. Zoom	8° half peak (50%)
Max. Zoom	40° half peak (50%) 50° field angle (10%)

CONTROL AND PROGRAMMING

DMX channels	6, 14, 33, 79
Control Modes	4
Control Protocols	DMX (USITT DMX512-A), RDM (ANSI/ESTA E1.20)
High-Res Channels	Dimmier
Dimming Curves	linear, soft
Setting and addressing	Control panel with OLED display, 4 Button Menu Navigation, DMX, RDM
Others	Stand Alone 1 captured Scene, 3 Layer Pattern-FX- Engine
Firmware Update	DMX Link via Updater

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In/Out
Signal connection	XLR 5-Pin In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 VAC nominal, 50/60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Incl. power cable	US: 16 A, 14 AWG, UL listed, E304117, SJT, 4.9 ft. EU: 16 A, 1.5mm ² , H07RN-F, 1.5 m
Max. Power (@ 230V)	450W

THERMAL SPECIFICATIONS

Cooling Type	Convection
Max. surface temperature (Ta = 40°C)	90°C / 194°F
Max. ambient temperature (Ta max.)	40°C / 104°F
Min. ambient temperature (Ta min.)	-10°C / 40°F
Thermal Protection	Automatic overtemperature protection
Total heat dissipation (calculated, +/- 10%)	1535 BTU's/h

INSTALLATION

Mounting	2 pair of 1/4-turn locks, 2x Sa- fety Cable attachment point
Orientation	Any
Min. distance to combustible materials	0.5m / 1.64ft
Min. distance to illuminated surfaces	0.5m / 1.64ft
Location	Temporary Outdoor

CONSTRUCTION

Housing Color	Black
Housing Material	Die-cast Aluminium
Protection Rating	IP 65
Construction Features	Direct Vertical Hanging, Changeable Front diffusors

DIMENSIONS & WEIGHT

Height	236 mm / 9.3 in
Length	1,023 mm / 40.6 in
Depth	90 mm / 3.5 in
Weight (netto)	13 kg / 18.66 lbs