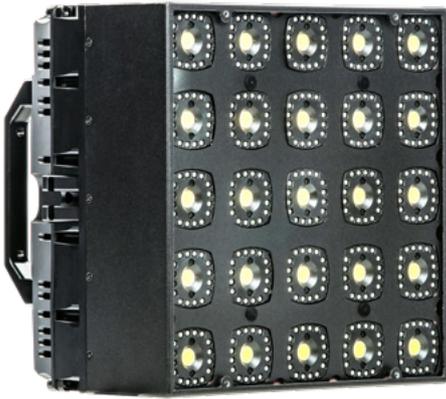


KNV
CUBE**KNV**
ARC**-GLP-**

Preliminary Data

THE KNV SYSTEM – MODULAR AND CREATIVE

The KNV from GLP comes in four variants, the KNV Cube, KNV Arc, KNV Dot and KNV Line. Each housing can be used independently, or combined seamlessly to provide massive fixture design options.

Featuring 1, 5 or 25 high-powered pixels with white and RGB elements and a combined output of more than 50,000 lumens, each KNV is equally happy used as a pixel-mapped surface, strobe, blinder, washlight, and more.

IP54 housings allow KNV units to be used year round, in even the most inclement conditions and climates.

An included DMX pattern generator offers multiple effect libraries, with multiple controls creating a vast array of graphic options.

Technical Data

LIGHT SOURCE

Light Source Type	5x5 RGB Pixel (each 16 x 0.25W) 5x5 White Pixel (each 1 x 30W)
Light Source Lifetime	50,000 h (L70)
LED refresh rate	9,600 Hz (White LED) 38,400 Hz (RGB LED)

OPTICAL SYSTEM

Total Output	up to 2,200 lm
Output Angle	60° half peak 120° field angle 120° cutoff angle

DYNAMIC EFFECTS

Color mixing	RGBW, independently variable 0 – 100 %
Dimmer / Shutter	0 – 100 % continuous elect- ronic dimming, regular and random strobe and pulse effects, instant open and blackout
Pattern Effects	3 Layer FX-Engine

CONTROL AND PROGRAMMING

DMX channels	10, 17, 37, 83, 29, 102, 202
Control Modes	8
Control Protocols	DMX (USIT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net sACN
High-Res Channels	Dimming, Layer-Master
Dimming Curves	linear, soft
Fan Modes	regulated, high, medium, low
Setting and addressing	control panel with backlit graphic display 4 Button Navigation DMX RDM
Others	Stand Alone 1 capture Scene 3 FX-Layer Output Limitation Pixel Rotation and Mirror
Firmware Update	DMX Link via DProg In/Out

CONNECTIONS

Power connection	Power-Data Connector EN3
Signal connection	Power-Data Connector EN3 In/Out

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 VAC nominal, 50 – 60 Hz
Power supply unit incl. power cable	External KNV PSU Power-Data Cable EN3
EEC	A
EEI	0.218
Ec (kWh/1,000h)	742

THERMAL SPECIFICATIONS

Cooling Type	Combined convection and forced air
max. surface temperature (Ta = 40°C)	55°C / 131°F
max. ambient temperature (Ta max.)	45°C / 115°F
min. ambient temperature (Ta min.)	5°C / 40°F

INSTALLATION

Mounting	Combined installation bracket, optional floorstand yoke
Orientation	any
Location	dry location, temporary out- door

CONSTRUCTION

Housing Color	black
Housing Material	high-impact flame-retardant thermoplastic, Aluminum
Protection Rating	IP54
Construction Features	modular system

DIMENSIONS & WEIGHT

Length	250 mm / 9.8 in
Width	250 mm / 9.8 in
Height	250 mm / 9.8 in
Weight	9.3 kg / 20.5 lbs

APPROVALS AND CLASSIFICATIONS

EN 62471 Classification	Risk Group 3
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