Matrix Eye 2

Key Facts

- 100° Field Angle with up to 22,600 lm
- Realistic tungsten simulation with CRI 90+ at 6,500 K
- +/-20° individual Head-Pan-Angle
- IP65 protected for indoor and outdoor
- compact and low weight framing construction for multiple fixture cluster

The Future of LED Blinders

The GLP MATRIX Eye is the first fixture in the groundbreaking new MATRIX Series – a smart cluster system that allows you to mechanically link multiple frame fixtures into one seamless lighting unit. Build your own custom lighting system with LED Blinders and more, with additional MATRIX products coming soon.

Powered by high-efficiency RGBAL LEDs and the innovative GLP iQ.Gamut Color Algorithm, the MATRIX Eye delivers intense color output and high-quality white light with superior color rendering. It faithfully replicates the classic tungsten behavior of traditional DWE Blinders, offering an authentic, warm dimming curve with all the benefits of LED technology.

Designed for maximum performance and affordability, the MATRIX Eye features a smart yet cost-effective construction. This ensures a low investment price, rapid ROI, and competitive rental rates—making it the perfect choice for lighting professionals who demand reliability, versatility, and cost efficiency.

Elevate your lighting game with the GLP MATRIX Eye – where innovation meets tradition.

Technical Data (1/2)

LIGHT SOURCE

Type	RGBAL LED
Count	2 Heads
Power	each Head: 500 W, max. 350 W
Lifetime	50,000 h

OPTICAL SYSTEM

Output BOOST RGBAL CONST RGBAL	 up to 22,600 lm up to 13,100 lm
Beam angle	60° Beam angle 100° Field angle

DYNAMIC EFFECTS

Dimmer	8 bit | 16 bit
Shutter Control	Duration Control | Rate Control | IntensityFX Control
CTC	Open | 2,500 K – 10,000 K
Tungsten Simulation	8x linked to fix CCT | 8x relative to Colormix

CONTROL & PROGRAMMING

DMX Channels	2 | 19 | 38 | 6
Control Modes	4

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Technical Data (2/2)

Protocols	DMX (USITT DMX512-A) | RDM (ANSI/ESTA E1.20) | iQ.Mesh
High-Res Channels	Dimmer
Dimming Curves	Linear | Square | S-Curve
Color Mix Mode	RGB | RGBAL
Color Mix Speed	Snap | Fade
Fan Modes	Regulated | High | Medium | Low
Pixel Mirror	x-mirror | y-mirror | xy-mirror | Off
Pixel Rotation	90° | 180° | 270° | Off
PWM Frequency	Optimal | High 1 | High 2 | Max
White Points	8,000 K | 6,500 K | 5,600 K | 4,200 K | 3,200 K | Off
Duration Control	Normal | Percentage
Output Modes	Boost | Constant
Hibernation	yes
Setting and addressing	Control panel with backlit graphic display | 4 Button Menu Navigation | DMX | RDM | iQ.Mesh | Stand Alone Scene
Firmware Update	DMX Link via DProg | iQ.Mesh via Service App | iQ.Tool

CONNECTIONS

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

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	Auto-ranging electronic switch-mode
Max. Power Eye 2	 700 W

THERMAL SPECIFICATIONS

Cooling Type	active fan cooling
Temperature range	-10 °C / 14 °F to 45 °C / 113 °F
Thermal Protection	Automatic
Total heat dissipation	2,600 BTU/hr

INSTALLATION

Mounting	4x pair of 1/4-turn locks (Frame Top, Frame side, Back side, yoke) | 2x Safety Cable attachment point (back bone)
Orientation	Any | horizontal sideway | vertical hanging
Location	Indoor | Outdoor

CONSTRUCTION

Housing Color	Black
Housing Material	High-impact flameresistant thermo-plastic | Aluminum | Steel Metal Plates
Protection Rating	IP 65
Construction Features	Alignment & Linking System | +/-20° individual Head-Pan-Angle

DIMENSIONS & WEIGHT

Height	200 mm / 7.9 in
Width	400 mm / 15.8 in
Depth without yoke with yoke	 246 mm / 9.7 in 302 mm / 12 in
Weight Fixture only with Yoke 400/100	 9.5 kg / 20.5 lbs 11.1 kg / 24.5 lbs

WEIGHT YOKES

Yoke 400/200	1.8 kg / 4 lbs
Yoke 400/100	1.64 kg / 3.6 lbs
Yoke 200/200	1.55 kg / 3.4 lbs

SHIPPING

Tourpack	Flightcase, 6-way

ARTICLE NUMBERS

Matrix Eye 2	7457
Yoke 400/200	32001
Yoke 400/100 (incl.)	32003
Yoke 200/200	32002

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