

CREOS



Key Facts

- Zoom 4° – 50°
- motorized Tilt
- Pixel Control
- Gapless Design

The GLP Creos redefines versatility and performance in LED washlights! Equipped with 18 x 40W RGBL LEDs arranged in three rows of 6 pixels each, it delivers breathtaking brilliance and precision. Its motorized 1:13 zoom creates a powerful 4° beam with up to 1.24 Mcd and an impressive total output of 10,800 lm, while the motorized head offers seamless 190° tilt for added flexibility.

A standout feature is its clusterable design, ensuring a uniform and homogeneous pixel pitch across multiple devices. Easily link units together to construct massive LED bars and create stunning, dynamic light curtains for truly awe-inspiring displays. The IP65-certified housing guarantees reliable performance in any environment—be it indoor venues or outdoor events—offering full protection against rain, dust, dirt, fog fluid residue, and even confetti.

The GLP Creos is built for convenience and adaptability, featuring PowerCon True 1 In/Out, DMX 5pin In/Out, and two fail-safe EtherNet ports. The integration of GLP's robust iQ.Mesh system ensures unparalleled flexibility and ease of use, even in demanding setups. Compact at under 20 kg, the Creos is designed for effortless handling and everyday use.

With an exceptional price-performance ratio and fast ROI, the GLP Creos is the ultimate choice for professionals seeking powerful, reliable, and innovative lighting solutions.

Technical Data (1/2)

LIGHT SOURCE

Type	RGBL LED
Power	per pixel: 40 W total: 720 W
Count	18
Lifetime	20.000 h
CRI	85+
TLCI	75+
TM-30-15 Rf/Rg	104 / 80
LED Refresh Rate	Low Optimal High 1 High 2

OPTICAL SYSTEM

Output	10,800 lm
Peak Luminous Intensity	1.24 Mcd
Min. Zoom	4°
Max. Zoom	50°
Zoom Ratio	1:13

DYNAMIC EFFECTS

Color Mixing	RGB RGBL x;y
Color Wheel	virtual, 64 LEE referenced colors, rainbow
Dimmer / Shutter	16 bit
Dimmer curves	Linear Square S-curve
CTC	2,500 – 10,000 K
CQC	High Output (HO) High Quality (HQ) Desaturation
Magenta/Green-Shift	yes
Tungsten Simulation	8x linked to fix CCT 8x relative to Colormix
Pattern Effects	50 static Patterns + 50 dynamic Patterns with index and rotation; random Pixel; pattern crossfade effects; Pattern Transition effects
Color Mix Priority	Layer Priority Channel

MOVEMENT

Tilt	190°, 16 bit
------	--------------

Technical Data (2/2)

CONTROL & PROGRAMMING

DMX Channels	22 34 42 51 87 66 84
Control Modes	7
High-Res Channels	Dimmer Tilt
Dimming curves	Linear Soft etc.
Performance Modes	Fast Normal Smooth
Fan Modes	Regulated High Medium Max
Protocols	DMX (USITT DMX512-A) RDM (ANSI/ESTA E1.20) Art-Net GLP iQ.Mesh LumenRadio CRMX
Setting and addressing	Control panel with backlit graphic display 4 Button Menu Navigation DMX RDM 1 Scene Stand Alone
Others	2 Layer Pattern-FX-Engine FX.Port for external electro-mechanical accessories
Software Update	DMX Link via DProg GLP iQ.Mesh via Service App GLP iQ.Tool

CONNECTIONS

Power connection	powerCON True1 In/Out
Signal connection	XLR 5-Pin In/Out etherCon In/Out Port A&B (failsafe) FX.Port at Fixture Head

ELECTRICAL SPECIFICATIONS

Power input	100 – 240 V AC / 50 – 60 Hz
Power supply unit	auto-ranging electronic switch-mode
Max. Power	800 W

THERMAL SPECIFICATIONS

Cooling type	combined convection and forced air
Thermal Protection	automatic
Max. ambient temperature	45 °C / 113 °F
Min. ambient temperature	-10 °C / 14 °F
Total heat dissipation	2,750 BTU/h

INSTALLATION

Mounting	2 pairs of 1/4-turn locks 2x Safety Cable attachment point option for direct clamp installation
Orientation	Any
Location	Outdoor Indoor

CONSTRUCTION

Housing color	Black
Material	Aluminum
Protection Rating	IP 65
Construction Features	Tilt-Lock-System integrated base handles

E-FROST FILTER

Connection	FX.Port on Creos head back-side
Control	3 DMX Channels in standard Creos DMX Layout
Segments	3 horizontal, individually controllable

SHIPPING

Tourpack	4-way
----------	-------

DIMENSIONS & WEIGHT

Height	375 mm / 14.76 in
Width	388 mm / 15.27 in
Depth	218 mm / 8.58 in
Weight netto	20.3 kg / 44.75 lbs

ARTICLE NUMBERS

Creos	7558
E-Frost Filter white	87850
E-Frost Filter black	87851