

MP-COLOR24 RDM RGBW (LEDs independent segment control)



art. 1942

Short description

LIGHT, SMALL, POWERFUL.

Wash/flood light fixture with 3 independent segment control 8 LEDs, which can be controlled individually to create engaging eye candy that enhances any live production.

This type of luminous performance from such a compact device has been unthinkable until now.

It is all thanks to an efficient microprocessor controlled thermal system combined with the use of a new high efficiency RGBW LED.

High performance 19.400lm RGBW LED wash/flood with 60lm/W efficiency. Flicker-free operation with 0-100% smooth dimming.

IP65 protection rating with XLR5 and Powercon connectors.

IP67 on request.

DMX-RDM / DRS

• Standard fixture colour finishing is black. Optional grey and white (art. FX-COLOUR).

Description

• SOURCE

24 High Power RGBW LEDs

Expected lifetime: 50.000 hours

Max power on LEDs:

- RED 636nm - 58W - 3600lm

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- GREEN 517nm - 78W - 7000lm

- BLUE 452nm - 78W - 1200lm

- WHITE 4000K - 78W - 7600lm

Color temperature range: 2000K - 15000K

CRI typical 85

Efficiency 60lm/W

• OPTIC

PMMA 8N and ultra white tempered glass

10°; (38mm lenses)

On request: 20°; 35°; 15°x30°; 30°x50°;

Available on request:

- 16°; and 20°; diffuser holographic filter (to match with 10°; lens)

- Barn-door

- Anti-glare

• SPECIAL FEATURES

3 independent controllable 8LED sections

• CONTROL

Standard interface: RS-485, optocoupled input

Protocol: USITT DMX512, RDM

• CONNECTIONS

Signal: On panel Male-Female XLR5 IP65, on request cable

Main power: Male-Female IP65 Power connector, on request cable

Optional: Wireless DMX receiver (Wireless Solution)

• SETUP AND CONFIGURATION

DMX RDM / DRS

On board control panel with touch technology

Blue LED display with flip function

Dedicated DMX channel for white balance (from 2900K to 13000K)

DMX or Auto mode with Master-Slave function

Halogen simulation

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CYM simulation

Ultrafast strobe effect

Electronic smooth dimming

Flicker-free function

• ENVIRONMENT and THERMAL MANAGEMENT

Cooling: Digital sensor controlled IP68 FAN

Progressive thermal protection managed by digital sensor

Temperature range, operating: -40°C to 50°C

Temperature range, start-up: -30°C to 50°C

Temperature range, storage: -40°C to 80°C

Thermal protection: Digital sensor progressive thermal protection

Metal anti-condensation valve

• RATING PROTECTION

IP65 (On request IP67 changing connectors)

• TILT

Manual -45°, +95°

• DMX CHANNELS

- 4 ch mode

- 9 ch mode

- 12 ch mode

- 18 ch mode

• POWER SUPPLY

Surge Protection 10KA@8/20uS, 10KV

Voltage range: 100-240VAC (140-336VDC)

Frequency range: 47-63Hz

Active Power Factor: PF>0.95@230V

Current: 1.1A@230V, 2.1A@120V

Power: 250W max

• PHYSICAL

WxDxH: 372x206x330mm

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Weight: 10 Kg