

MP-COLOR96 RDM RGBW (LEDs independent segment control)

new



art. 1940

Short description

LIGHT, POWERFUL.

Wash/flood light fixture with 6 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 38.800lm 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

96 High Power RGBW LEDs

Expected lifetime: 50.000 hours

Max power on LEDs:

- RED 636nm - 232W - 14400lm

- GREEN 517nm - 312W - 28000lm

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- BLUE 452nm - 312W - 4800lm

- WHITE 4000K - 3126W - 30400lm

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

12 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

CYM simulation

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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 -60°C, +230°C

• DMX CHANNELS

- 4 ch mode

- 9 ch mode

- 48 ch mode

- 54 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: 4.4A@230V, 8.4A@120V

Power: 1000W max

• PHYSICAL

WxDxH: 672x204x569mm

Weight: 30 Kg

