

DREAM L650 SPOT



Outline

LED moving luminaire DREAM L650 SPOT is powered by 650 Watt white LED module and feature packed with advanced optical system, wide range linear zoom, electronic dimming, full CMY color mixing and linear CTO, a color wheel with 7 colors filters, 2x 7 rotating gobos, 1x 8 static gobos and 1 open circle. The fixture provides a variety of dimming curves for choice of use, linear dimming effect in low-light. It is an automated LED Spot fixture designed for small to large stage lighting application while delivering even spot and dynamic effect lighting.

Key Features

Light source: 650W White LED light engine

Zoom range: 6°~ 56°

CMY + CTO

One color wheel

Two rotate gobo wheels

One fixed gobo wheel

Two prisms, Two frost filters

Motorized iris, linear adjustment

Electronic strobe 1-25Hz

Dimmer: 0-100% linear adjustment

Electrical

Input voltage: AC200-240V 50/60Hz

Input power: 800W, power factor PF≥0.98

Maximum input current: 4A

Light source

Light source type: 650W LED white light high brightness module

Color rendering index: Ra≥70 (high brightness standard); Ra≥90 (high CRI optional)

LED life: 20000 hours

Optical

Optical lens: HD optical lens with anti-reflection coating

Zoom range: 6°~56°

Color System

Infinite CMY smooth color mixing, high saturation of color (RGB) output, pure

and vivid.

CTO color temperature 3200-6200k linear adjustment

1 color wheel with 7 colors + white, can realize bidirectional scrolling.

rainbow, step, slide gradient and random color mode available.

Gobo system

2x rotating gobo wheel, each has 7 metal stamped gobos, can bi-directional rotate, have multi effects of self-rotation, running water and shaking, the gobos can be accurately positioned at 16bit.

1x static gobo wheel with 8 fixed gobos + 1 open, can realize bidirectional flowing effect.

Effects

2 prisms, one is 4-facet linear and one is 6-facet circle, can be overlapping combined, can be bidirectional rotating, can be auto-focus.

Two atomized frosts with high-bright output.

0-100% electronic dimming control, 4 dimming curve options, 4 dimming speed options.

Electronic strobe 1-25Hz, a variety of stroboscopic methods to choose

Fast motorized iris 5-100% linear adjustment, with macro function and multi-effects changeable

Movement

Pan=540°, 16bit control

Tilt=270°, 16bit control

Electronic Control

Control channels: 25ch/29ch/42ch

Control Protocols: DMX512, RDM, Art-Net, sACN, wireless function (optional)

Control Portals: XLR-3; RJ45 (optional)

Menu display: 2.4" LCD color screen; choice of Chinese and English language, menu 180° reversible display.

Built-in self-rechargeable battery, menu can be edited without power supply (optional version);

Support connecting power bank to enter the menu and edit address code and other settings

Electronic sensors testing, fan intelligent detect and controllable

Eco mode (sleep mode when standby)

Non-touching magnetic encoder positioning system for pan-tilt

Size and weight

Fixture size: 417X417X763 (mm)

Fixture net weight: 33Kg

Conditions of Use

Working environment temperature: -20°C~40°C

Protection class: IP20

P.s. Specifications and documentation subject to change without notice. Test lab data may vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, etc. The company reserves the right of final interpretation.