

# FLYEYE 3740FP

Model:FE3740



The FLYEYE 3740FP is a breathtaking and imaginative stage performer that provides completely high performance wash effect, beam effect and visual effects. It features 37\*40W 4-in-1 RGBW LEDs integrated in specially designed optical lens with awesome lumen ratio in the front. The lens system is capable of rotating possibility to create multi petal-like micro fine rays that are programmable for individual colors, as each LED and each color is controllable independently. The micro rays could be opened and closed to produce dynamic graphic lighting effects.

The ZOOM system ranges from 4° to 60° with smooth and quiet working. The fixture will bring brilliant dazzling hard BEAM effect when it zooms to 4°. And it will bring pure and even wash coverage effect when it zooms to 60°.

The FLYEYE3740FP provides 6 DMX modes that fulfill the needs of different professional lighting designers. It's with fast, quiet and precise PAN/TILT movement, and low noise cooling system though it's a high power light.

It's available for high power need live concerts, TV studios, theaters, DJ shows, clubs, weddings, etc.



## Light Source

Source: 37\*40W 4-in-1 LEDs, RGBW  
Flicker free operation for broadcast TV and FILM  
Life Span: 50000H  
The life span may vary depending on several following factors but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming, etc)

## Optics

37PCS high efficiency acrylic lens  
Optimized light pipe for higher LED efficiency  
4°-60°Smooth and quiet linear motorized zoom with fine control  
360°Continuous front lens rotation with variable speed

## Movement

PAN movement: 540° (8/16 bit)  
TILT movement: 210° (8/16 bit)  
Fast, quiet, smooth and precise 3-Phase motors  
Smooth, fast and precise resolution for PAN/TILT movement with low noise operation  
Scan position memory, auto reposition after unexpected movement  
PAN/TILT reversible

## Colors

Pixel mapping capability with each LED  
Sophisticated 4 colors RGBW mixed  
Even and soft light coverage with pure mixing  
Preset color macros  
2800K-8500K linear color temperature adjustment

## Visual Effect

Different static shape selections  
Different dynamic shape selections with variable speed  
Shape fading effect  
Shape color options with 0-100% dimming  
Background colors options with 0-100% dimming

## Strobe Effect

0-25Hz shutter/strobe effect with variable speed  
Random strobe effect with variable speed  
Preset pulse strobe effect  
Different foreground/background strobe effect

## Dimming System

0-100% Smooth linear LED dimming  
Fine tune of dimming

## Control System

21/22/35/36/111/148 DMX channels USITT DMX-512  
DMX512, master-slave, sound activated or auto operation  
Sound control sensitivity adjustable  
Multi preset internal programs  
RDM available (Remote Device Management)  
DMX recorder and edit function integrated  
Shielded input signal protection for stable signal without interference  
3-Pin&5-Pin XLR connectors IN/OUT

## Display System

2.8" TFT LCD display  
English/Chinese menu  
5 Control buttons  
180°Reversible for LCD display  
Display auto OFF

## Cooling System

Advanced cooling system integrated aluminum and copper with liquid  
Efficient low noise self adjusting fan cooling system  
Constant temperature readout and management function  
Over temperature protection management

## Power Supply

Electronic power supply  
AC100-240V 50/60Hz  
PowerCON IN/OUT with switch and fuse  
1564W Power consumption

## Housing

Molded fire proof housing with PA6+fibreglass  
Skeleton made of aluminum and steel metal plates  
Two side handles on base  
Exterior finish: Black

## Installation

2\*1/4 turn fastening Omega Clamps (Adaptable vertically and horizontally)  
1\*Safety attachment point

## Operating Condition

Operating positions: all (device on floor or fixed to a support)  
-25°C to 45°C ambient temperature  
IP20 protection rating

## Compliance

CE  
2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)  
2014/30/EU - Electromagnetic Compatibility (EMC)  
2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)

## Weight

N.W.: 25.6kg  
G.W.: 28.8kg

## Dimensions

Product Dimensions: 293(D)\*496(W)\*590(H)mm  
Packing Dimensions: 745(D)\*615(W)\*415(H)mm

