



FALCON 540Z

36X15W RGBW LED ZOOM - IP65 WALL WASH

The Falcon 540Z is an IP65-rated RGBW wall wash with 36 x 15W LEDs and 72 RGB backlight LEDs, delivering powerful output and vibrant color mixing. A motorized 7°–58° zoom range ensures precise adjustment from narrow beam to wide wash, making it suitable for both architectural and stage applications. The fixture features pixel control across its four LED rows, allowing for dynamic effects and seamless transitions. With DMX, W-DMX, Master/Slave modes, built-in auto shows, and rainbow effects, it integrates easily into a wide range of lighting setups. Its rugged IP65-rated housing ensures reliable operation in any environment, and the unit includes Omega brackets for hanging or can be used with optional floor stands. Weighing 15 kg, the Falcon 540Z is built for professional use where performance and flexibility are key.

- Main: 36 x 15W 4-in-1 RGBW LED Chips
- Background: 72 x 0.5W RGB LED
- High Color Fidelity
- 15,200 Lumen Output
- Pixel Control across 4 Led Rows
- Backlight Control for full eye candy effect
- Linear 16-bit Dimming w/ 4 Dimmer Curves
- 7-58° Zoom Angle
- Optional 45° / 60° / 90° Diffuser Lens Attachment
- Virtual Color Gel Presets
- Built-In Color Scroll & Fade FX
- Variable Color Temperature Control
- User Selectable Refresh Rates
- W-DMX
- Hardline DMX via 5-Pin or 3-Pin XLR Connection
- Standalone 2.4Ghz Wireless Master/Slave Operation
- AC Power Operation via PowerCON TRUE1 IN/THRU Connection
- Variable speed fan + heatsink
- Optional feet with rubber feets on. Including quarter turn brackets



RGBW Color Mixing





FALCON 540Z

36X15W RGBW LED ZOOM - IP65 WALL WASH

SPECIFICATION SHEET

OPTICAL PARAMETERS

Source:	36 x 15W 4-in-1 RGBW LED
Backlight Source:	72 x 0.5W RGB SMD LED
Lumens:	15,200
Source Life Expectancy:	50,000 Hours
Zoom Angle:	7-58°
TM-30/CRI/TLCI:	TBA
Optional Attachment Lens Angle:	45°/60° / 90°
Selectable PWM:	800, 1,200, 2,000, 3,600, 25,000 Hz

DYNAMIC EFFECTS

Pixel Control:	Pixel control across 4 Led rows
Dimming Resolution:	16-bit Dimming
Dimmer Curves:	4
Stand-Alone Mode:	Selection of Static Color
Built-in Automated Programs:	Yes
Sound Active Mode:	Yes
Master/Slave Mode:	Wired or Wireless
Shutter/Strobe:	1 - 20 Hz

PHYSICAL

Ingress Protection Rating:	IP65, outdoor/wet
Cooling:	Variable speed fan + heatsink
Signal connection:	3 or 5-Pin XLR IN/THRU
Power connection:	Seetronic True1 IP65 IN/THRU
Dimensions (WxHxD)mm:	508 x 323 x 226
Weight:	15.0kg

ELECTRICAL

Power Supply:	100-240V - 50/60Hz
Max Power Consumption:	550W / 2.2A @ 230V
Power factor:	>0.95
Inrush current:	60 A, 375 µs

BODY

Body:	Die-Cast Aluminum
Body Color:	Black

COLOR SYSTEM

Color Mixing:	RGBW
Color Temperature Control:	2,800 - 8,000K
Color Wheel:	Virtual Gel Swatchbook
Macros:	Built-In Color Scroll/Fade with Speed Adjustment

CONTROL

Protocols:	DMX512, W-DMX, CRMX
DMX channels:	3 / 4CH1 / 4CH2 / 5 / 15 / 20 / 21 / 37 ch
Wireless:	W-DMX
Display:	OLED w/ Touch Capacitive Buttons
LED Color Calibration:	Yes

Stand-Alone, Master/Slave, Sound Active Modes

OPTIONAL ACCESSORIES:

2in1/4in1/6in1 FlightCase made in EU	Power Linking Cables
Barn Doors	Selflock Couplers
45° / 60° / 90° Diffuser Lens	Omega Bracket

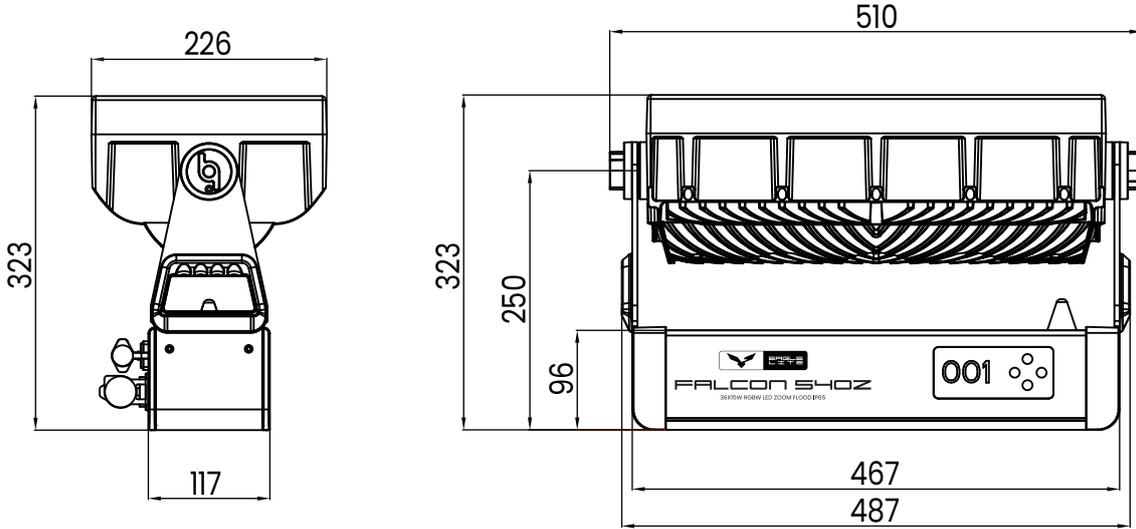




FALCON 540Z

36X15W RGBW LED ZOOM - IP65 WALL WASH

SIZE



PHOTOMETRIC

