



# FALCON 540

## 36X15W IP65-Rated RGBW LED WALL WASH

The Falcon 540 is an IP65-rated RGBW wall wash with 36 x 15W LEDs, delivering an impressive 15,200-lumen output for intense color saturation and seamless blending. A 25° beam angle provides precise coverage, while optional MAGfilters (40°, 60°, 90°) expand its versatility. Featuring pixel control across four LED rows, it enables advanced effects and dynamic color transitions. With DMX, W-DMX, plus Master/Slave, auto programs, and rainbow effects, it offers flexible and seamless control. Built with a rugged IP65-rated housing, it is designed for both indoor and outdoor use. The included Omega brackets allows for easy mounting, whether hung or freestanding. Despite its increased power and size, the Falcon 540 remains efficient and reliable, making it an ideal solution for large-scale professional lighting setups.

- 36 x 15W 4-in-1 RGBW LED Chips
- High Color Fidelity
- 15,200 Lumen Output
- Pixel Control across 4 Led Rows
- Linear 16-bit Dimming w/ 4 Dimmer Curves
- 25° Beam Angle | 40° Field 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 / Wireless Control
- 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





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## SPECIFICATION SHEET

### OPTICAL PARAMETERS

Source:	36 x 15W 4-in-1 RGBW LED
Lumens:	15,200
Source Life Expectancy:	50,000 Hours
Beam Angle:	25°
Field Angle:	40°
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 287 x 226
Weight:	13.2kg

### ELECTRICAL

Power Supply:	100-240V – 50/60Hz
Max Power Consumption:	500W / 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:	2 / 3 / 4 / 13 / 16 / 29 ch
Wireless:	W-DMX / LumenRadio CRMX
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 Germany	Power Linking Cables
Barn Doors	Selflock Couplers
45° / 60° / 90° Diffuser Lens	Omega Bracket

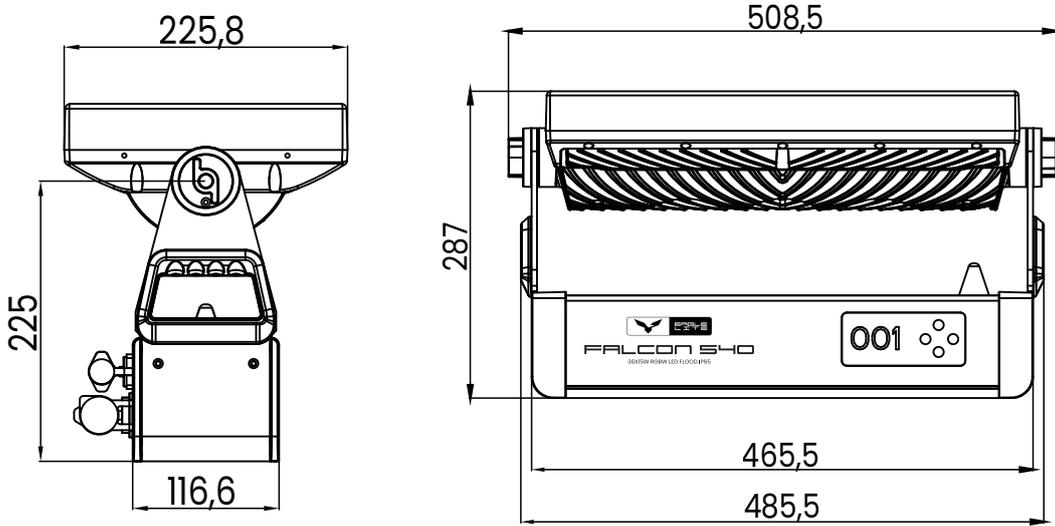




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## SIZE



## PHOTOMETRIC

