



FALCON 270Z

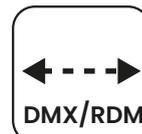
18X15W RGBW LED ZOOM - IP65 WALL WASH

The Falcon 270Z is an IP65-rated RGBW wall wash equipped with 18 x 15W LEDs and 42 RGB backlight LEDs, offering smooth color mixing and visual layering. It features a motorized zoom range from 7° to 58° and pixel control across three individual LED rows, providing flexibility for both wide wash effects and precise beam shaping. With DMX and W-DMX control, as well as Master/Slave mode, built-in auto shows, and multiple rainbow effects, the fixture integrates easily into any lighting setup. The IP65 housing allows for indoor and outdoor use, and the included Omega bracket enables easy mounting, whether hung or placed freestanding. At 9.5 kg, the Falcon 270Z delivers a compact yet advanced wash solution with full zoom and backlight functionality.

- Main: 18 x 15W 4-in-1 RGBW LED Chips
- Background: 42 x 0.5W RGB LED
- High Color Fidelity
- 9,700 Lumen Output
- Pixel Control across 3 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





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SPECIFICATION SHEET

OPTICAL PARAMETERS

Source:	18 x 15W 4-in-1 RGBW LED
Backlight Source:	42 x 0.5W RGB SMD LED
Lumens:	9,700
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 3 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:	395 x 296 x 169
Weight:	9.5kg

ELECTRICAL

Power Supply:	100–240V – 50/60Hz
Max Power Consumption:	280W / 1.2A @ 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 / 7 / 16CH1 / 16CH2 / 22 / 34 ch
Wireless:	W-DMX
Display:	OLED w/ Touch Capacitive Buttons
LED 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

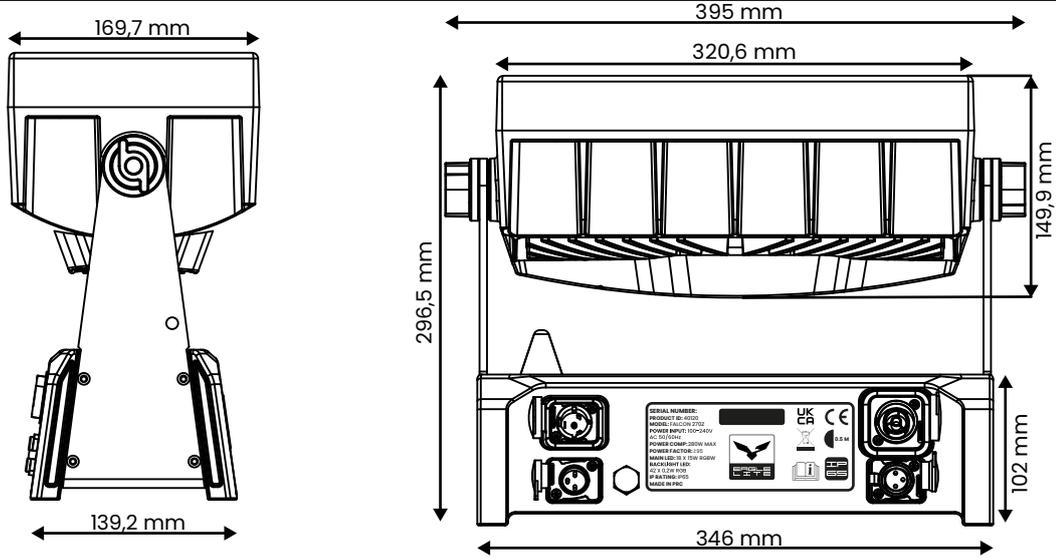




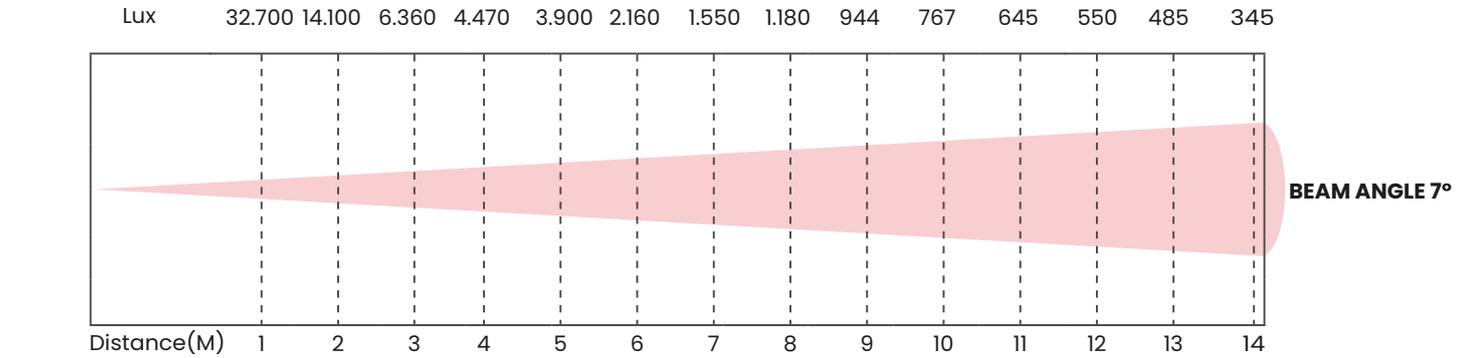
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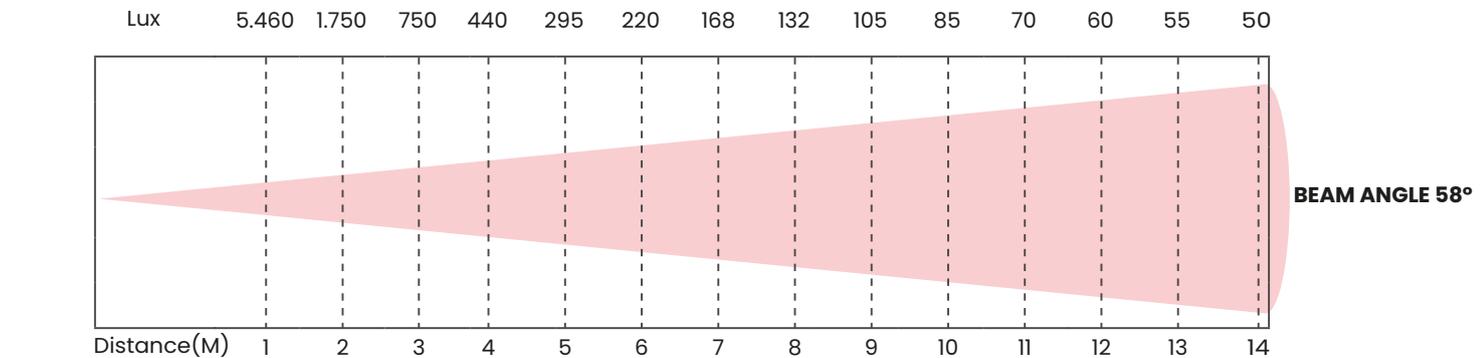
SIZE



PHOTOMETRIC



Beam Diameters(M): 0.36 0.48 0.61 0.73 0.85 0.97 1.10 1.22 1.34 1.46 1.59 1.71 1.83 1.94



Beam Diameters(M): 1.35 2.46 3.57 4.67 5.78 6.89 8.00 9.11 10.22 11.33 12.43 13.54 14.65 15.75