

# LASER-30FB4

30-Watt Full-Color  
RGB Laser Projector

**VAL** lighting

Technologie Die Verbindet



## OVERVIEW

The VAL LASER-30FB4 represents the pinnacle of high-power RGB laser projection technology from VAL Lighting. Delivering an impressive 30 watts of full-color output, it's designed for the most demanding professional environments — from concerts and festivals to architectural mapping and outdoor installations. Equipped with a 55 Kpps high-speed galvanometer scanning system, the 30FB4 produces smooth, precise, and complex beam animations with stunning accuracy. The integrated FB4 control platform offers complete connectivity through Ethernet, Art-Net, DMX512, ILDA, and SD-card playback modes. Its robust, forced-air cooling system ensures consistent performance, while the ability to store and recall over 500 built-in animation effects makes it ideal for large-scale, synchronized light shows.

## KEY FEATURES

- Powerful 30 W full-color RGB laser output
- Integrated FB4 system with Ethernet / Art-Net / ILDA / DMX512 / SD playback
- 55 Kpps high-speed galvanometer scanning for ultra-smooth animations
- Analog modulation for rich, vibrant color mixing
- 500+ built-in beam and animation effects, fully programmable
- Dual DMX modes: 19 or 40 channels for flexible control mapping
- Forced fan cooling for stable long-duration operation
- Designed for outdoor shows, festivals, and architectural installations

## APPLICATIONS

- Stadiums and mega-stage events
- Architectural and building projection
- Outdoor festivals and light shows
- Touring and professional rental setups
- Immersive multimedia and laser mapping installations



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## SPECIFICATIONS

Model	LASER-30FB4
Power Supply	AC 90 – 240 V, 50/60 Hz
Rated Power Consumption	< 600 W
Laser Source	Semiconductor RGB laser generator
Laser Output Power	30 W (R/G/B full-color)
Wavelengths	R: 635–655 nm / G: 532 nm / B: 450 nm
Laser Color	Full color (RGB)
Modulation Type	Analog
Scanning System	55 Kpps high-speed galvanometer
Control Modes	FB4 (Ethernet / ILDA / Art-Net / DMX512 / SD / Auto / Sound / Master-Slave)
Control Channels (DMX)	19 / 40 channels
Cooling System	Forced fan cooling
Program Effects	500+ built-in beam, animation, and graphic effects
Programming	Supports custom beam and animation programming
Working Environment	Indoor/Outdoor professional applications
Weight	21 kg