

LED Spot Light

FB1500101 Static White

FB1501204 RGBW

Project Name	
Date	
Location	
Item Code	





Thank you for purchasing the Colordreamer LED Spot Light

Our manual will describe the installation and mounting of the product as well as a description of how to use it. Please read and understand this manual in its entirety before using the product.

SAFETY RECOMMENDATIONS AND WARNINGS

Do not make modifications or alter the product

Keep away from flammable material.

Do not hose or pressure clean.

Do not use any silicone or other chemicals on outside surface.

Do not use chemicals or abrasives to clean the luminaires as this may void the warranty.

Ensure installation complies with local electrical rules and regulations.

Ensure mains input power is surge protected

Do not connect or disconnect the luminaire while the power is connected.

Connectors are to be kept clean and dry at all times.

Input Voltage range 20-24VDC

Once installed, all connectors are to be mated and a terminating plug or end cap is required on the last fitting of run.

When placing the luminaires in an end-to-end setup, be sure to leave a minimum gap of 10mm to allow for thermal expansion

Colordreamer Products are cooled by convection. Provide adequate ventilation by providing free air flow around.

If the ambient temperature around the luminaires exceeds 55degrees, do not use the products and turn off the system.

Power off the luminaires during service or when not in use.

Product Overview

FA150 transforms your outdoor space with this heavy-duty LED spot light, engineered for both form and function. Constructed from die-cast aluminum with a toughened glass lens, it is built to withstand the harshest outdoor conditions. The IP66 waterproof rating guarantees protection against dust and powerful water jets, ensuring year-round reliability.

DMX512 Control

Precision lighting control via DMX512 protocol enables seamless integration with professional lighting systems, supporting multiple channel modes for dynamic scene programming.

High-Intensity LED Array

Equipped with high-lumen COB/SMD LEDs (3000K-6500K CCT) delivering up to 80,000 hours lifespan and 9-40W adjustable output for powerful illumination.

Full Spectrum Color Mixing

RGBW color system with 16-bit processing achieves smooth color transitions and accurate white light reproduction (2700K-6500K).

Quick Installation

Integrated bracket with multiple mounting options (ground spike, truss mount, yoke mount) and tool-free access panel for easy maintenance.

Product Specification

Model	FA1500101	FA1501204
LED Source		
Color	Static White	RGBW
Light Source	High Power LED	
LED Source Color	W=2700K/3000K/4000K/5700K/6500K	RGBW W=2700K/3000K/4000K/5700K/6500K
Color Consistency	3 SDCM	
CRI for White LED	Ra>80	
Lumen maintenance	L70B10>50,000hours@25°C	
LED QTY	1PCS	12PCS
Performance		
Lumen Output	3200lm	1800lm
Efficacy	80lm/W based at 4000K(full on 20°C)	45lm/W based at 4000K(full on 20°C)
Beam Angle	18°Narrow 25°Narrow Medium 40°Wide 60°Wide	25°Narrow Medium 40°Wide 60°Wide
Electrical		
Input Voltage	220VAC	24VDC
Power Consumption	40W	40W
Control		
Protocols	On off only	DMX512
Power Consumption	N/A	Manual addressing with CD-MT512 tool
Physical		
Housing	6063 high density aluminium alloy	
Lens	4mm Tempered Glass	
Finish	Black(RAL9011) White(RAL9001) Grey(RAL9006) Custom RAL Color	
Dimensions(LXWx)	150*230*303mm	



H)	
Cable Entry	Bottom Entry
Mounting	Adjustable Brackets
Accessory	
Environment	
Operating Temperature	-30°C to +50°C
Storage Temperature	-40°C to +70°C
Humidity	0-90% non-condensing
IP Rating	Dry, Damp, Wet locations IP66
Certification and Safety	
Certification	CE
Warranty	3Years Limited Warranty from the Date of Manufacture Contact us if you need extended warranty

Remark: The given data of CCT, beam angles, lumen output and electrical power are typical value. Due to the tolerances of the production process and the electrical components, the values can vary up to 10%.

Dimension

