LT15FS









1500W IP66 High Output LED Moving Profile Beam, Spot, Wash, Profile 4-in-1

Compact Form. Remarkable Long-Throw Performance.

LT15 FS delivers an impressive output of up to 52,600 lumens from a lightweight, compact fixture. At a 3.7° narrow beam angle, it maintains an illuminance of 580 lux at 100 meters, providing the clarity and intensity required for long-range followspot applications.

An 2° beam reducer can be installed in any rotating gobo slot. Used together with the iris, it provides an exceptionally wide beam range from 0.7° to 52° with minimal output loss, making it easy to adapt the spot size to different throw distances and illuminate the target with precision.

The optimized pan-and-tilt algorithm ensures smooth, stable and accurate movement, faithfully translating every input from the followspot operator into precise fixture response.

LT15 FS also features a comprehensive professional effects package, including dual rotating gobo wheels, CMY + a color wheel, 4-blade framing system, dual frosts and dual prisms—making it a cost-effective, multi-purpose solution for both followspot and conventional stage applications. When followspot operation is not required, it functions as a fully equipped profile moving light that integrates effortlessly into the wider stage lighting system.

Color System

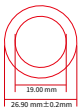


Rotating Gobo 1



Rotating Gobo 2





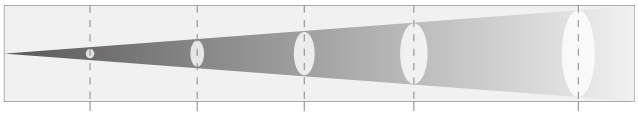
Framing Shutter



Animation

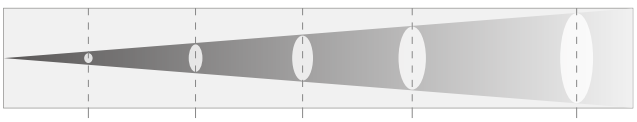


Beam Angle 3.7°



Distance(m)	10	15	20	25	30
Diameter(m)	0.65	0.98	1.3	1.63	1.95
Illuminance (lux)	58100	25822	15525	9296	6456

Beam Angle 52°



Distance(m)	2.5	5	7	10	15
Diameter(m)	2.45	5.12	7.17	10.24	15.36
Illuminance (lux)	14200	3550	1811	888	394

PHOTOMETRICS	
Light source	1500W LED Engine
Output	52600lm @40°
Color Temperature	6200±100k
CRI	≥70
LED Life	30000H
Beam Angle	3.7~52°

KEY FEATURES	
PAN	540°
TILT	270°
Color System	CMY+CTO+Color Wheel(6+open)
Gobo System	2 Rotating gobo wheel(7+open)
Animation	Rotating animation wheel with variable speed
Framing System	Single blade ±35°, rotatable ±90°
Focus	Electronic linear focus
ZOOM	Electronic linear zoom, 3.7°-52°
Iris	16-leaf, 15%-100% electronic linear iris
Frost	1°+5° 0% - 100% combinable linear frost
Prism	Bidirectionally rotatable 4-f linear and 4-f circular prism with variable
Strobe	1-30Hz
Dimmer	22bit dimming, 4 dimming curves(linear/square/Inverse square/S-curve)+4 dimming modes

CONTROL	
Protocol	DMX/RDM/sACN/Artnet
DMX Channel	38CH
Data Connections	5pin(or 3pin) DMX In/Out, RJ45 In/Out, waterproof SFP fiber connector
Display	TFT
PWM Frequency	600Hz/1.2KHz/2KHz/4KHz/6KHz/25KHz
Built-in Macros	Yes

POWER	
Mains	100-240VAC, 50/60Hz
Consumption	230V@1580W
Power Connections	TrueCon In
Power Factor	230V@0.98
Operating Ambient Temp.	-20 ~ 50℃

PHYSICAL	
Dimension	479*300*792mm
Weight	43.4KG
IP Rating	IP66
Cooling	Heat sink with low noise fan
Housing	Diecast magnesium and fiber-reinforced flame retardant nylon, matte black finish
Mounting	Floor mounting/flown mounting/side hanging
Minumum Illuminated Distance	5M
Noise Level	OFF:31.6dB ON:52.1dB AUTO:48.1dB SILENT:42.4dB P/T movement:54.2dB

