FRESNEL 350 6C

LUMIOS LIGHTING SYSTEMS



6-COLOR HIGH-CRI LED
HIGH FIDELITY COLOR MIXING
20°- 55° MOTORIZED ZOOM
3000K - 8000K CT RANGE

- 350W RGB+ALC 6-Color LED
- HIGH CRI≥95, TLCI 95 (CT CH)
- Intelligent Fan & Silent Operation
- Durable Metal Construction

FRESNEL 350Z 6C is a flagship 6-color 350W full-spectrum LED Fresnel engineered for productions that demand powerful output, advanced color control, and uncompromising optical performance. Powered by an advanced 6-color RGBALC (Red, Green, Blue, Amber, Lime, Cyan) light engine, it delivers an expansive color palette and an ultra-wide 3000K–8000K tunable color temperature range, giving lighting designers the flexibility to create everything from warm practicals and candlelight to cool daylight and stylized color effects—all from a single fixture. FRESNEL 350Z 6C also features a DMX-controlled 20°–55° motorized zoom that provides exceptional beam-shaping versatility, allowing adjustment from tight, high-intensity spot to broad, even wash. Combined with the renowned optical performance of a true Fresnel lens, it delivers a clean, uniform field, smooth falloff, natural wrap, and beautifully controlled shadow transitions that bring depth, texture, and a refined cinematic quality to every scene.

Applications

- Studio Production
- Theatres
- Lecture Halls
- Corporate Media
- Educational Facilities
- Museums and Galleries
- Houses of Worship
- Trade Shows
- Live Event Production



House of Worship



Studio



Theatre Productions

Technical Specifications

Control and Programming
Modes: DMX, RDM, Menu, Rotary, Auto
DMX Channel: 2/8/13

Optics
Light Source: 350W RGB+ALC LED Engine
(Red, Green, Blue, Amber, Lime, Cyan)
Color Temperature: 3000°-8000°K
Zoom Range: 20°- 55° Motorized
LED Life: 50,000 Hours
Dimming: 0-100% Linear, 5 Curves
Benchmarks: CRI≥95, TLCI 95 (CT Channel)
CRI 85 (Full On)

Included Accessories
Barn Door
Gel Frame
Safety Cable
Edison to PowerCON Cable

Power Requirements
Peak Power Consumption: 480VA
Mains: AC 100-240V, 50/60Hz
Power Linking: 6 Units maximum

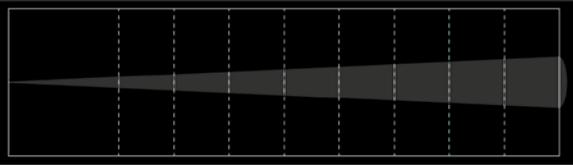
Connections
Data: Locking 3-Pin & 5-pin XLR in/out
Power: Seetronic PowerCON in/out

Physical
Environmental Rating: IP20
Dimensions (LxWxH): 428 x 315 x 452 mm
Construction: Aluminum, Matte Black
Menu: Numeric LED + Selector Buttons
Weight: 11 kg (24.2 lbs)

Warranty
2-year Limited Warranty
(parts & labor)

Photometric

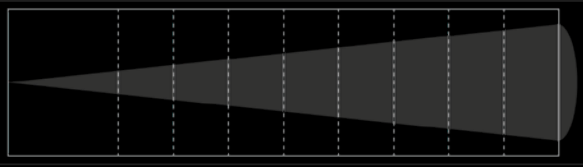
R(lx)	130	92	65	55	44	38
G(lx)	388	244	167	144	114	92
B(lx)	53	41	28	24	19	16
A(lx)	284	218	150	129	102	82
L(lx)	532	399	276	235	187	152
C(lx)	134	108	73	64	50	40
Full on(lx)	1340	986	707	591	471	383



Distance(m)	5	6	7	8	9	10
Spot Diam(m)	1.49	1.79	2.09	3.40	3.83	4.25

Minimum Zoom 8°

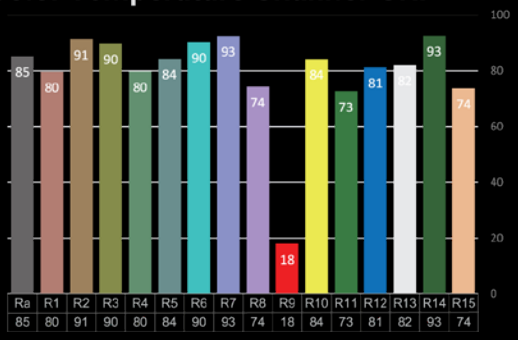
R(lx)	48	36	26	22	17	14
G(lx)	122	95	66	58	45	36
B(lx)	22	17	13	10	7	5
A(lx)	108	85	63	52	40	32
L(lx)	205	158	116	96	74	58
C(lx)	55	42	32	26	20	16
Full on(lx)	507	399	284	243	186	144



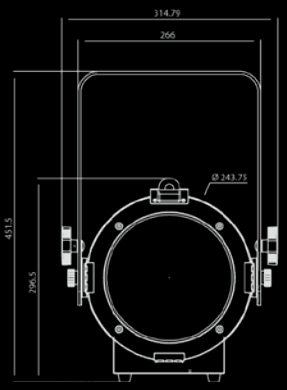
Distance(m)	5	6	7	8	9	10
Spot Diam(m)	6.5	7.8	9.1	10.4	11.7	13

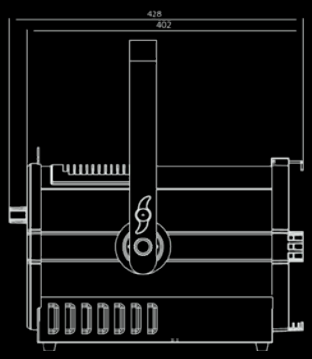
Maximum Zoom 60°

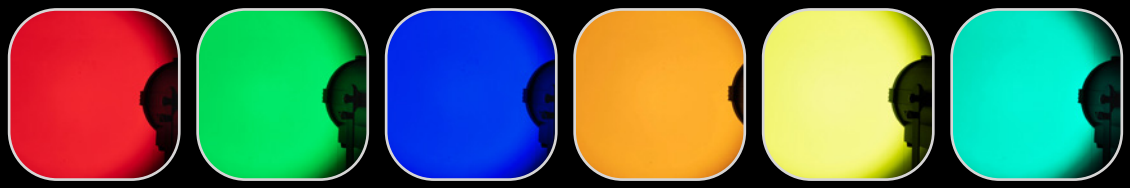
Color Temperature Channel-CRI



Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
85	80	91	90	80	84	90	93	74	18	84	73	81	82	93	74







www.lumiosled.com

Designed and Engineered in