FRESNEL 200Z FS

LUMIOS LIGHTING SYSTEMS



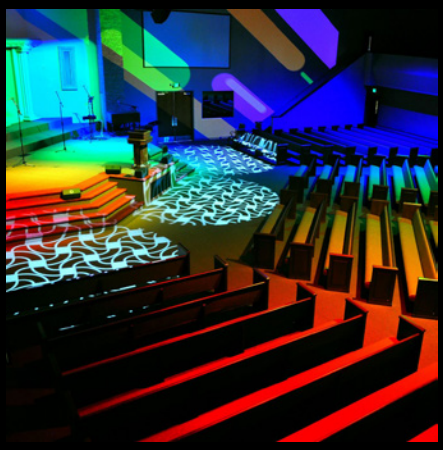
FULL SPECTRUM MIXING
15°- 60° MOTORIZED ZOOM
FLICKER FREE OPERATION
3000K - 8000K CTO

- 200W RGB+Lime 4-Color LED
- Dimmer Curve & Freq Selections
- Intelligent Fan & Silent Operation
- Durable Metal Construction

The FRESNEL 200Z FS is a premium 200W full-spectrum LED Fresnel engineered for productions that demand exceptional color control, versatile beam shaping, and uncompromising optical performance. Its advanced RGB+Lime 4-color light engine delivers a rich, extended color gamut and an expansive 3000K–8000K color temperature range, producing vibrant saturated colors and beautifully balanced whites with outstanding consistency. Fully DMX/RDM compliant, it integrates seamlessly into professional lighting systems for precise remote control. The FRESNEL 200Z FS also features a DMX-controlled 15°–60° motorized zoom, allowing lighting designers to remotely transition from a tight, high-intensity spot to a broad, even wash without leaving the console. Combined with the signature optical performance of a Fresnel lens, it delivers a clean, uniform field, smooth falloff, natural wrap, and beautifully controlled shadow transitions that enhance scenery, performers, and architectural elements.

Applications

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



House of Worship



Corporate Media



Community Theatre

Technical Specifications

Control and Programming
Modes: DMX, RDM, Menu, Rotary, Auto
DMX Channel: 3/4/5/6/12

Optics
Light Source: 200W RGBL LED Engine
(60W Red + 80W Green + 80W Blue + 80W Lime)
Color Temperature: 3000°-8000°K
Zoom Range: 15°- 60° Motorized
LED Life: 50,000 Hours
Dimming: 0-100% Linear, 5 Curves
Benchmarks: Avg CRI≥87 @ 3800K CTO

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

Power Requirements
Peak Power Consumption: 350VA
Mains: AC 100-240V, 50/60Hz
Power Linking: 8 Units maximum

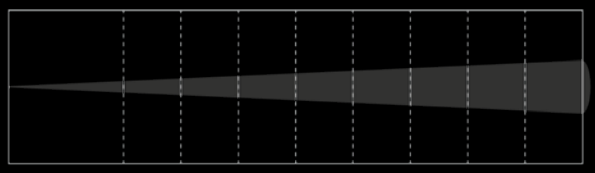
Connections
Data: Locking 3-Pin & 5-pin XLR in/out
Power: Seetronic PowerCON in/out

Physical
Environmental Rating: IP20
Dimensions (LxWxH): 315 x 296 x 330 mm
Construction: Aluminum, Matte Black
Menu: Numeric LED + Selector Buttons
Weight: 8 kg (17.6 lbs)

Warranty
2-year Limited Warranty
(parts & labor)

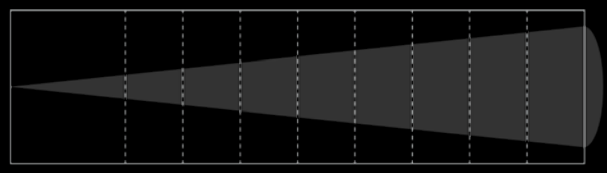
Photometric

R(lx)	852	398	207	137	91	67	49	39	32
G(lx)	1755	764	441	273	192	137	103	76	67
B(lx)	456	176	105	64	44	32	23	14	12
W(lx)	2241	980	564	360	247	183	129	104	82
Full on(lx)	6139	2308	1276	811	565	412	301	241	206
Distance(m)	2	3	4	5	6	7	8	9	10
Spot Diam(m)	0.60	0.90	1.20	1.49	1.79	2.09	3.40	3.83	4.25

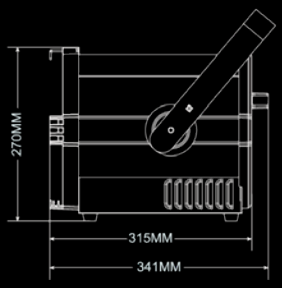


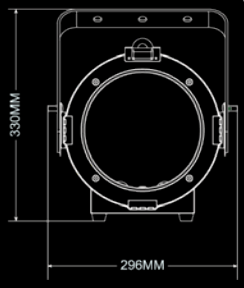
Minimum Zoom - 15°

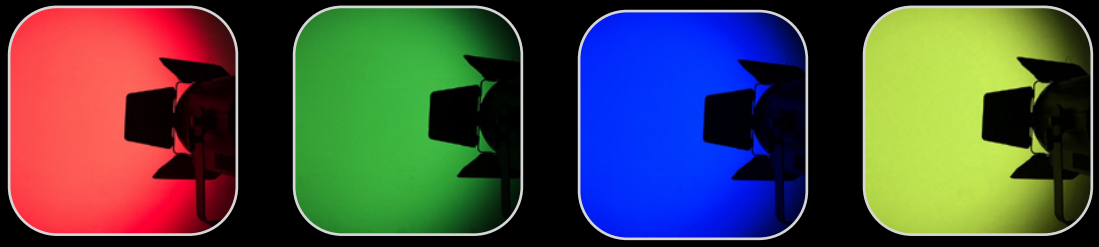
R(lx)	269	108	62	40	29	21	18	14	10
G(lx)	542	238	132	84	62	46	35	29	22
B(lx)	113	54	30	20	11	7	6	5	4
W(lx)	695	295	172	106	81	56	49	39	33
Full on(lx)	1367	689	395	249	180	167	108	94	76
Distance(m)	2	3	4	5	6	7	8	9	10
Spot Diam(m)	2.6	3.9	5.2	6.5	7.8	9.1	10.4	11.7	13



Maximum Zoom - 60°







Designed and Engineered in

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