

LumiOS® R Series

- HD/4K/8K 16:9 NATIVE FORMAT
- 0.9mm - 1.5mm PIXEL PITCH
- HIGH GRAYSCALE HDR PERFORMANCE
- WIDE 170° VIEWING ANGLE
- SPACE SAVING ULTRA-THIN PROFILE
- SMOOTH MOTION 3840Hz REFRESH



	R09	R12	R15
Pixel Pitch	0.9375 mm	1.25 mm	1,56 mm
LED Configuration	Flip-Chip COB 1R1G1B		
LED Module Arrangement	2 x 4		
Pixel Density [dots/m²]	1,137,778	640,000	409,600
Module Size	150 x 168.75 mm		
Module Resolution	160 x 180 px	120 x 135 px	96 x 108 px
Module Construction	Composite Housing		
Cabinet Size (HxWxD)	600mm x 337.5 x 29.9 mm		
Cabinet Resolution	640 x 360	480 x 270	384 x 216
Scanning Mode	1/40	1/45	1/54
Cabinet Material	Die Cast Aluminum		
Cabinet Flatness (mm)	≤ 0.10		
Greyscale	13-16+Bit, Optional 22+Bit		
IP Rating	IP43 Front, IP30 Rear		
Install / Service Method	Front or Back Installation, Front Service		
Brightness	800 nits Typical, Options from 500-1200 nits		
Color Temperature	3,000-10,000°K Adjustable		
Brightness Uniformity	≥ 98%		
Color Uniformity	Within 0.003 Cx,Cy		
Horizontal/Vertical View	≥ 170°		
Contrast Ratio	≥ 20,000 : 1		
Color Calibration	to Single Pixel		
Brightness Calibration	to Single Pixel		
Drive Mode	Constant Current		
Receiving Card	NovaStar A8s Standard, A10s Optional		
Frame Refresh	50/60 Hz		
Data Refresh	≥3840 Hz		
Mains Input	110-220 Vac, 50/60 Hz		
Cabinet Current Draw	0.5A - 1.5A		
Max Consumption	350 W/m²	300 W/m²	
Avg Consumption	120 W/m²	100 W/m²	
Working Temperature	-20°C to +60°C		
Working Humidity	10% to 95% RH		
Certifications	CE, FCC, CSA SPE1000		



Designed & Engineered in



www.LumiOSled.com