


RADIANCE LED
BY DIGITAL PROJECTION

SPECIFICATIONS



	Radiance LED 1.2	Radiance LED 1.5	Radiance LED 1.9	Radiance LED 2.5
Part Number	700-126	700-158	700-190	700-253
Pixel-Pitch (mm)	1.26	1.58	1.9	2.53
LED Type	Black SMD	Black SMD	Black SMD	Black SMD
Pixel Configuration	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1	SMD 3-in-1
Tile Resolution (Pixels)	480x270	384x216	320x180	240x135
Pixel Density (pixel/m2)	623,269	398,892	277,008	156,971
Pixel Density (per panel)	129,600	82,944	57,600	32,400
Brightness (Max)	800 nits	1000 nits	1000 nits	1000 nits
Color Temp (Default)	6500K	6500K	6500K	6500K
Gamma (Default)	2.2	2.2	2.2	2.2
Dimming Capability	0-255	0-255	0-255	0-255
Contrast Ratio	3000:1	3000:1	3000:1	3000:1
Refresh Rate	2160Hz	3120Hz	3120Hz	3120Hz
Gray Scale	13bit	15bit	13bit	15bit
Color Depth	549 billion colors	35 trillion colors	549 billion colors	35 trillion colors
Viewing Angle (Hz/Vt)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)	160° (+/- 80°)
Lifetime	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Power Input	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Power Consumption (Max/Typ)	180/60 watts	180/60 watts	180/60 watts	170/58 watts
Cabinet Size (mm)	608 (W) x 342 (H) x 62 (D)	608 (W) x 342 (H) x 62 (D)	608 (W) x 342 (H) x 62 (D)	608 (W) x 342 (H) x 62 (D)
Net Weight (kg)	7.9 +/-1	7.9 +/-1	7.9 +/-1	7.9 +/-1
Temperature (Operation)	-10° to 40° C	-10° to 40° C	-10° to 40° C	-10° to 40° C
Temperature (Storage)	-20° to 60° C	-20° to 60° C	-20° to 60° C	-20° to 60° C
Relative Humidity (Operation)	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Relative Humidity (Storage)	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Service Access (F/R)	Front	Front	Front	Front
IP Grade	IP 40 / IP 20	IP 40 / IP 20	IP 40 / IP 20	IP 40 / IP 20
Certification	UL, CB, CE, FCC	UL, CB, CE, FCC	UL, CB, CE, FCC	UL, CB, CE, FCC





CONCIERGE SUPPORT SERVICES

- DESIGN ASSISTANCE
- SITE SURVEYS
- ENGINEERING REVIEW
- INSTALLATION SUPPORT
- MAINTENANCE

CONCIERGE CUSTOMER SUPPORT

Digital Projection's dedicated Application Engineering Team is ready to assist with all Radiance LED design and system implementations. From initial concept and engineering assessment to final assembly & calibration, Digital Projection's team is prepared to bring your next visionary project to life.

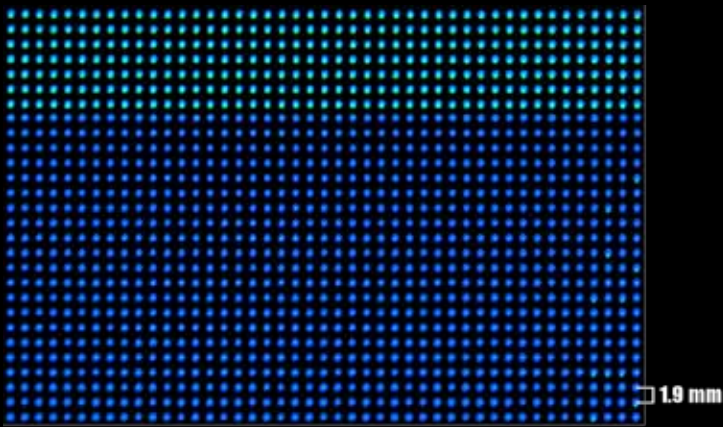
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AN ULTRA-BRIGHT SOLUTION FOR SEAMLESS VIVID IMAGERY IN ANY AMBIENT LIGHT

DESIGNED FOR SEAMLESS CRITICAL VIEWING

- Engineered to create bright and vivid imagery in venues with close and/or long viewing distances, Radiance LED delivers stunning color saturation & contrast in nearly any indoor ambient light condition
- Built on a native 16:9 aspect ratio, the individual Radiance LED panels provide seamless building blocks for creating custom resolutions in various shapes & sizes
- Thin installation profile, wide viewing angles and silent operation due to its fan-less panel design provide a dynamic display solution for a wide variety of environments



Close-up view of actual 1.9mm wall.



SUPERIOR RELIABILITY AND PERFORMANCE

- Rated at 100,000 hours total illumination life & robust enough for 24/7 performance in the most mission-critical applications
- Front-accessible for servicing, minimizing the potential disruption of the wall's precise alignment
- Power supplies are optimized to limit power consumption ensuring the most economical cost of ownership



ENDLESS SIZE & RESOLUTION CAPABILITIES

- Precision manufacturing combined with convenient, multi-axis adjustment points allows Radiance LED systems to be perfectly aligned & sized to fit any space
- Can achieve full HD 1080p imagery at display sizes starting at 110 inches (diagonal) and Ultra-HD 4K at 220 inches respectively
- A native 16:9 display is always achievable by using an equal number of horizontal & vertical tiles
- Ideal solution for retail, broadcast, command & control, visitor attraction, house of worship and for public & private entertainment applications

