




# RADIANCE LED

BY DIGITAL PROJECTION

# SPECIFICATIONS



|                               | Radiance LED<br>1.2         | Radiance LED<br>1.5         | Radiance LED<br>1.9         | Radiance LED<br>2.5         | Radiance LED<br>4.0         |
|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Part Number                   | 700-126                     | 700-158                     | 700-190                     | 700-253                     | 700-400                     |
| Pixel-Pitch (mm)              | 1.26                        | 1.58                        | 1.9                         | 2.53                        | 4.0                         |
| LED Type                      | Black SMD                   | 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                  | SMD 3-in-1                  |
| Pixel Density (pixel/m2)      | 623,269                     | 398,892                     | 277,008                     | 156,971                     | 62,500                      |
| Pixel Density (per panel)     | 129,600                     | 82,944                      | 57,600                      | 32,400                      | 23,328                      |
| Brightness (Max)              | 900 nits                    | 1000 nits                   | 1000 nits                   | 1000 nits                   | 1200 nits                   |
| Color Temp (Default)          | 6500K                       | 6500K                       | 6500K                       | 6500K                       | 6500K                       |
| Gamma (Default)               | 2.2                         | 2.2                         | 2.2                         | 2.2                         | 2.2                         |
| Dimming Capability            | 0-255                       | 0-255                       | 0-255                       | 0-255                       | 0-255                       |
| Contrast Ratio                | 3000:1                      | 3000:1                      | 3000:1                      | 3000:1                      | 8000:1                      |
| Refresh Rate                  | 3120Hz                      | 3120Hz                      | 3120Hz                      | 3120Hz                      | 2400Hz                      |
| Gray Scale                    | 13bit (TBD)                 | 15bit                       | 13bit                       | 15bit                       | 14bit                       |
| Color Depth                   | 549 billion colors          | 35 trillion colors          | 549 billion colors          | 35 trillion colors          | 4.4 trillion colors         |
| Viewing Angle (Hz/Vt)         | 160° (+/- 80°)              | 160° (+/- 80°)              | 160° (+/- 80°)              | 160° (+/- 80°)              | 160° (+/- 80°)              |
| Lifetime                      | Up to 100,000 Hours         | Up to 100,000 Hours         | Up to 100,000 Hours         | Up to 100,000 Hours         | Up to 100,000 Hours         |
| Power Input                   | 100-240 VAC                 | 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                | 205/68 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)  | 648 (W) x 576 (H) x 83 (D)  |
| Net Weight (lbs)              | 17.7                        | 17.7                        | 17.7                        | 17.7                        | 26.4                        |
| Temperature (Operation)       | 0° - 40° C / 32° - 104 F°   | 0° - 40° C / 32° - 104 F°   | 0° - 40° C / 32° - 104 F°   | 0° - 40° C / 32° - 104 F°   | 0° - 40° C / 32° - 104 F°   |
| Temperature (Storage)         | -20° - 60° C / -4° - 140 F° | -20° - 60° C / -4° - 140 F° | -20° - 60° C / -4° - 140 F° | -20° - 60° C / -4° - 140 F° | -20° - 60° C / -4° - 140 F° |
| Relative Humidity (Operation) | 10% - 90%                   | 10% - 90%                   | 10% - 90%                   | 10% - 90%                   | 10% - 90%                   |
| Relative Humidity (Storage)   | 10% - 90%                   | 10% - 90%                   | 10% - 90%                   | 10% - 90%                   | 10% - 90%                   |
| Service Access (F/R)          | Front                       | Front                       | Front                       | Front                       | Front/Rear                  |
| IP Grade                      | IP 40 / IP 20               | IP 40 / IP 20               | IP 40 / IP 20               | IP 40 / IP 20               | IP 30 / IP 20               |
| Certification                 | UL, CB, CE, FCC             | UL, CB, CE, FCC             | UL, CB, CE, FCC             | UL, CB, CE, FCC             | UL, CB, CE, FCC, CCC        |

### 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.



## 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



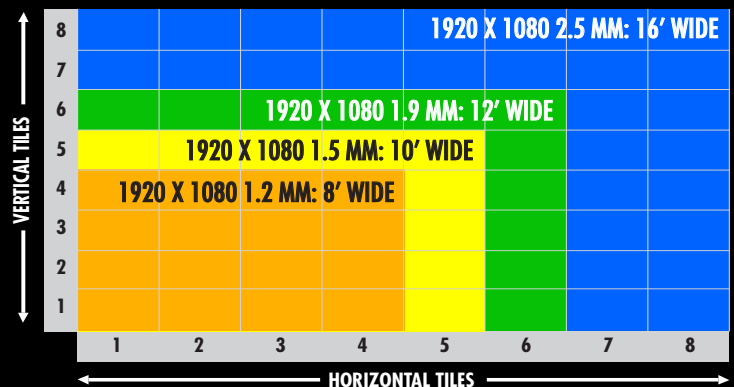
### SUPERIOR RELIABILITY AND PERFORMANCE

- Rated at up to 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 dynamic corporate video applications, digital signage, retail, broadcast, command & control, visitor attractions, house of worship and for public & private entertainment



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THE VISIONARIES CHOICE

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