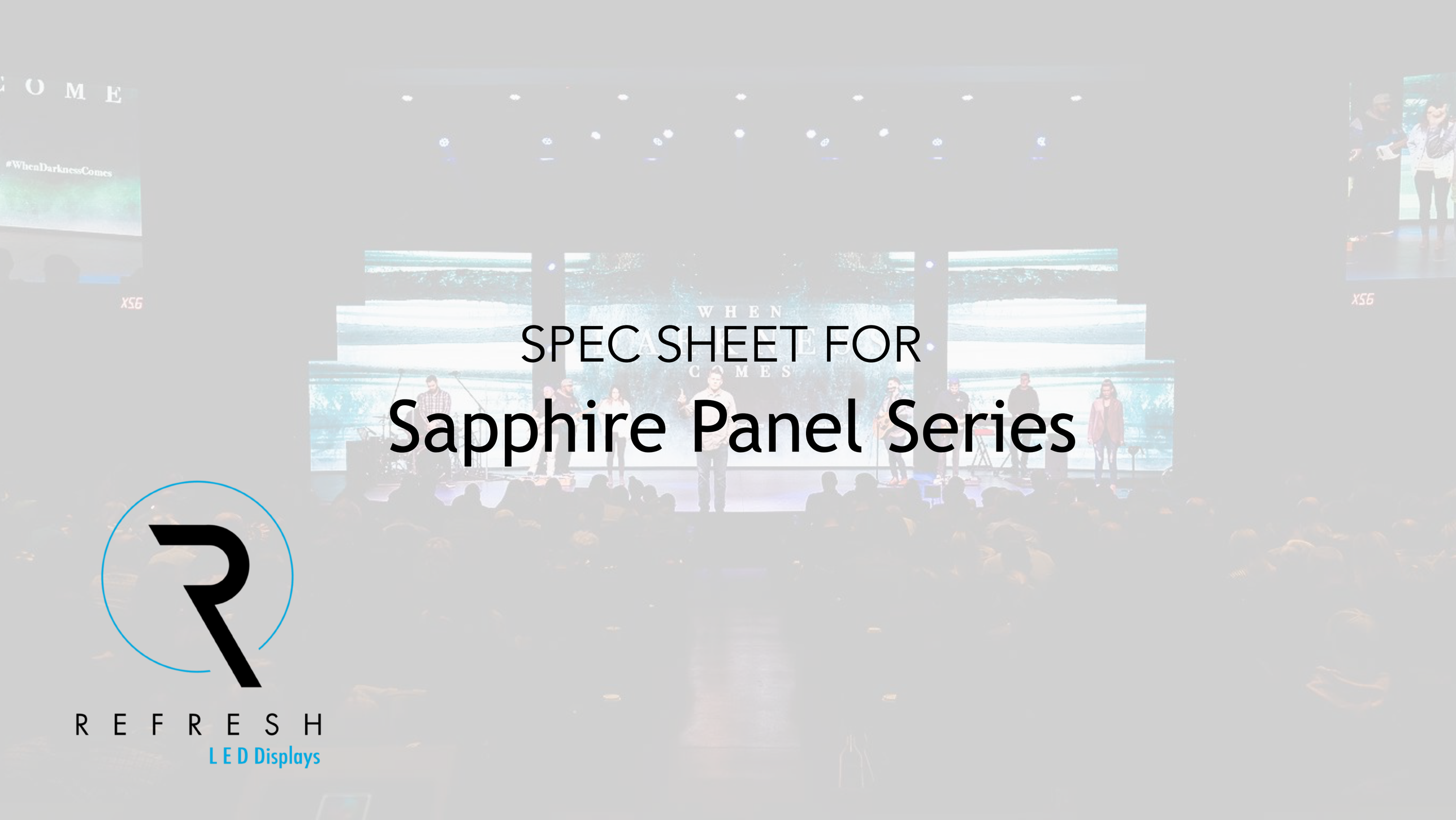


SPEC SHEET FOR

Sapphire Panel Series

REFRESH

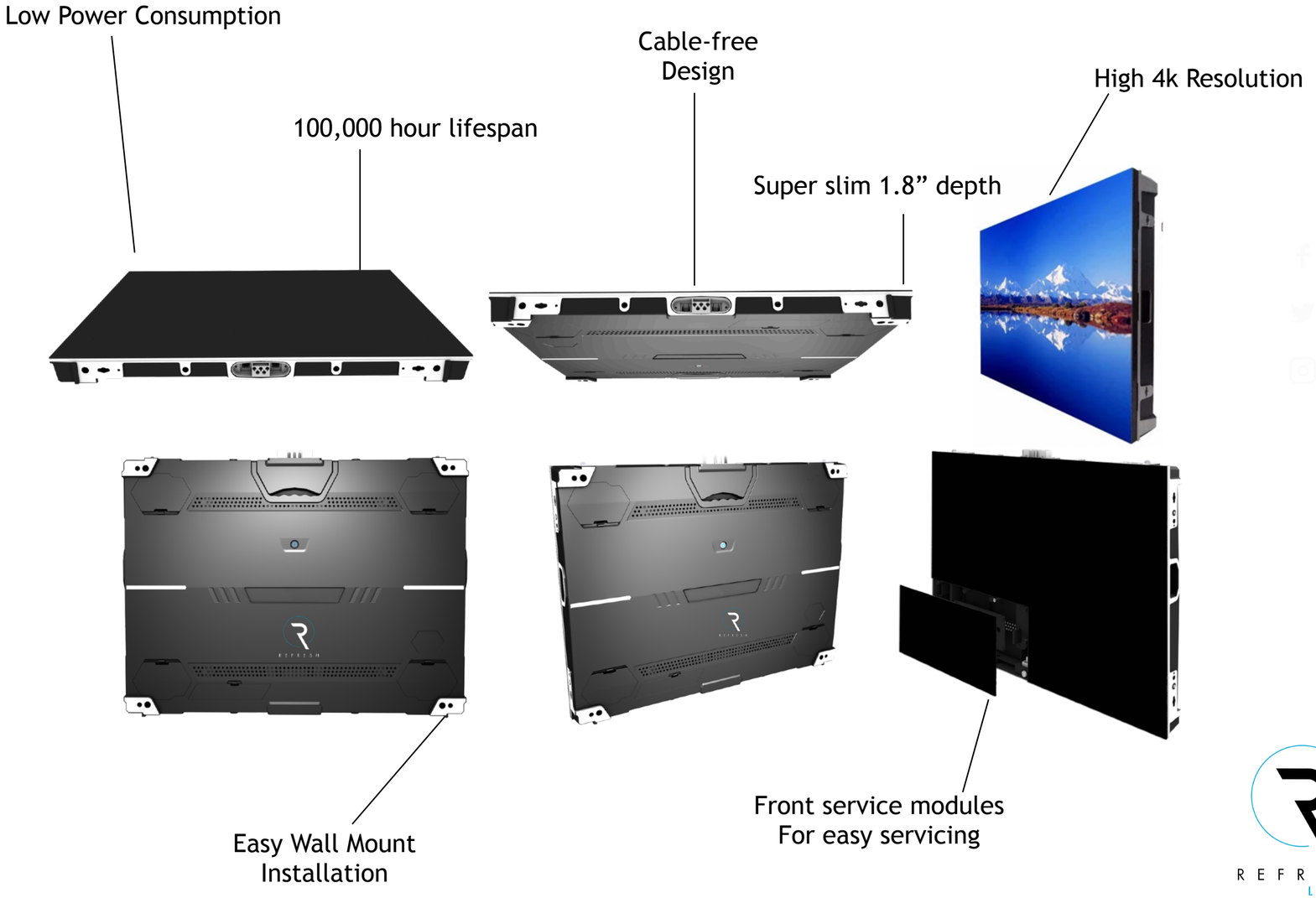
LED Displays

SAPPHIRE PANEL SERIES

Our **SAPPHIRE PANEL** features an ultra-slim and light design to give the end-user a solution for easy installation, easy servicing and high-resolution results.

Our **SAPPHIRE PANEL** is made entirely of die-cast aluminum alloy material. With high resolutions ranging from 1.2mm to 2.5mm, this panel fits perfectly into board rooms, TV studios, retail stores, restaurants, conference centers, and many more applications. With a unique design to be directly mounted to a wall, this panel gives a sleek and clean look when installed. Accessibility and servicing are a breeze with its front removable modules.

With a high super-fast refresh rate of 3840hz, and its 4:3 ratio dimensions, we believe this panel to be a great fit for any high-resolution project.



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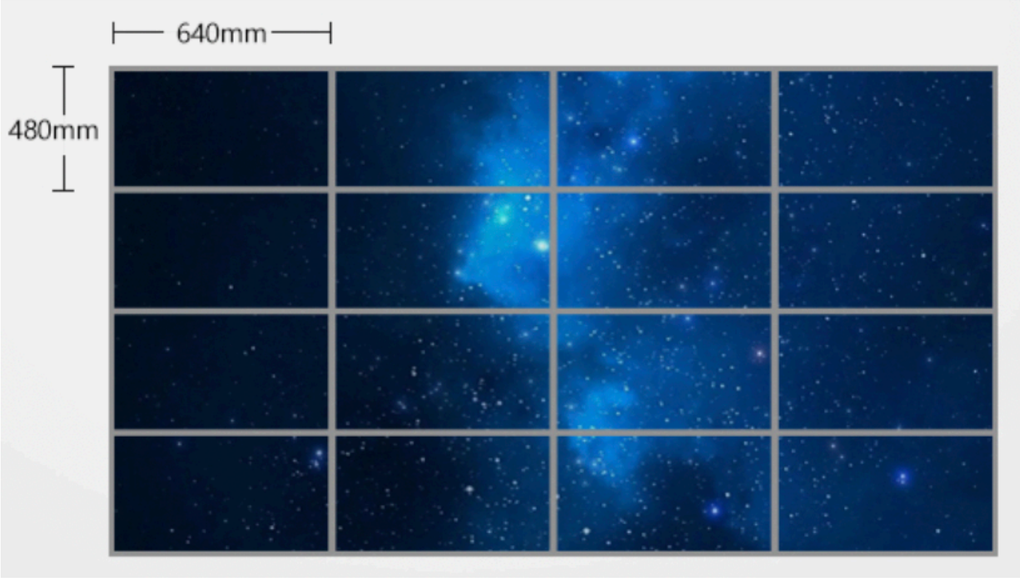
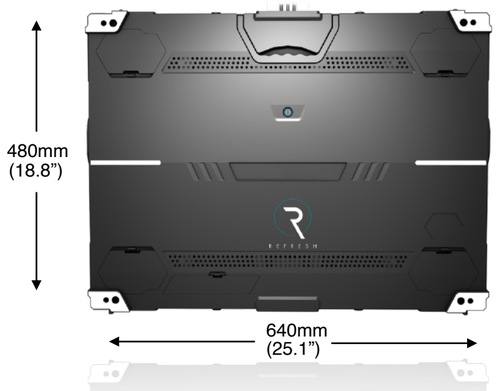
SAPPHIRE PANEL SERIES Specifications

Specifications	Indoor			
Pixel Pitch	1.2mm	1.5mm	1.8mm	2.5mm
Density (pixels/m^2)	640,000	406,406	295,664	160,000
LED Type	Black SMD 1515	SMD1515	Black SMD 1515	Black SMD 1515
Brightness	600-800 Nits	600-800 Nits	600-800 Nits	600-800 Nits
Scan Method	1/16	1/16	1/16	1/16
Cabinet Dimension	500*500*85mm (640*480*85mm optional)			
Module Size	250*250mm			
Cabinet Material	Die-casting Aluminum			
Cabinet Weight	8kg			
Protection Level	IP40			
Cabinet Maintenance	Front&Rear Service			
Panel Power Consumption (ave/max)(watts)	60/170	60/170	60/170	60/170
Refresh Rate （Hz）	Upgraded - 3840hz			
Grey Scale	18 Bit			
Viewing Angle	160°, 160°	160°, 160°	160°, 160°	
Voltage	AC100~240V(50-60Hz)			
Working Temperature	－20°C－40°C			
Working Humidity	10%－85% No Condensation			
Color Temperature	6500-9500K			





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PROJECT PHOTOS

Our clients want a panel and design that would give them the opportunity to create various elements on their stage. Our EMERALD PANEL solution involved high quality 500mm panels with a high refresh rate, high brightness, and easily maintained panels. With a Novastar processing system, they are able to seamlessly delivery their content to the vide wall with no issues.

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LED Displays

REFRESH LED DISPLAYS

WE’RE HERE FOR YOU!

I’m excited to partner with you on your upcoming project.
Upgrading equipment and processes is never an easy task, but
my goal is to make this an enjoyable and stress-free time for you.
My goal is to be a resource to you as you strive to hit your goals!
Please don’t hesitate to contact me anytime.

Call Us

1-833-775-3787

Email

Josh@RefreshLED.com