



### DarkBright 75 Open Frame Display

The DarkBright 75 from Agile Display Solutions is a revolutionary panel that combines the best of LCD and LED. With 5,160 local dimming zones, the DarkBright 75 combines 0.4mm pixel pitch with 740,000:1 contrast for incredible marketing impact.

Images have deep blacks and striking highlights of up to 6300 nits. Even better, typical power consumption is lower than other high-bright LCDs in the industry, to reduce your carbon footprint. Your outdoor advertising deserves this state-of-the-art, durable high-bright display.

### Key Features

- **Stunning Image Quality**  
4K 60 Hz 10-bit 4:4:4 Resolution  
5000 nits Brightness  
6300 nits Peak Brightness  
5,160-zones FALD  
740,000:1 Dynamic Contrast  
96% NTSC Color Gamut  
>90% Uniformity
- **Industry's Lowest Power Consumption**  
Consumes up to 35% less power than traditional LCD panels
- **High Temperature Optical Stack**  
High temperature optical stack helps prevent sagging and yellowing due to high temperatures
- **Unparalleled Durability**  
Tested & Qualified for Full Sunlight  
IPS High-Tni LCD Cell  
Circular Polarizer
- **Customizable**  
Customizable mounting points  
Customizable firmware  
Ethernet and RS232 Control

## DarkBright 75 Open Frame Display

### LCD PANEL

Brightness	5,000 cd/m2
Peak Brightness	6,300 cd/m2
Contrast Ratio	1200:1
Dynamic Contrast Ratio	740,000:1
Display Resolution	3840 x 2160
Display Frame Rate	60 Hz
Pixel Pitch	0.429 x 0.429 mm
Viewing Angle	178°/178°
Response Time	8 ms
Supported Colors	10-bit (8-bit + FRC)
Full-Array Local Dimming (FALD)	5160 zones
Color Gamut	96% NTSC
Brightness Uniformity (9 Points)	>90%
Portrait/Landscape	Portrait and Landscape
Polarizer	Circular
Technology	IPS, High-Tni

### INPUT / OUTPUT

Input Connectors	DisplayPort x1 / HDMI x 2 / VGA / SPDIF Out
Communication Ports	Ethernet / RS232C / IR Extender

### MECHANICAL

Dimensions	1687 x 964 x 85 mm
Mounting	400 x 400 VESA Custom mounting brackets available

### SENSORS

Available Sensors	Temperature (with auto dimming) Ambient Light (with auto dimming)
-------------------	--

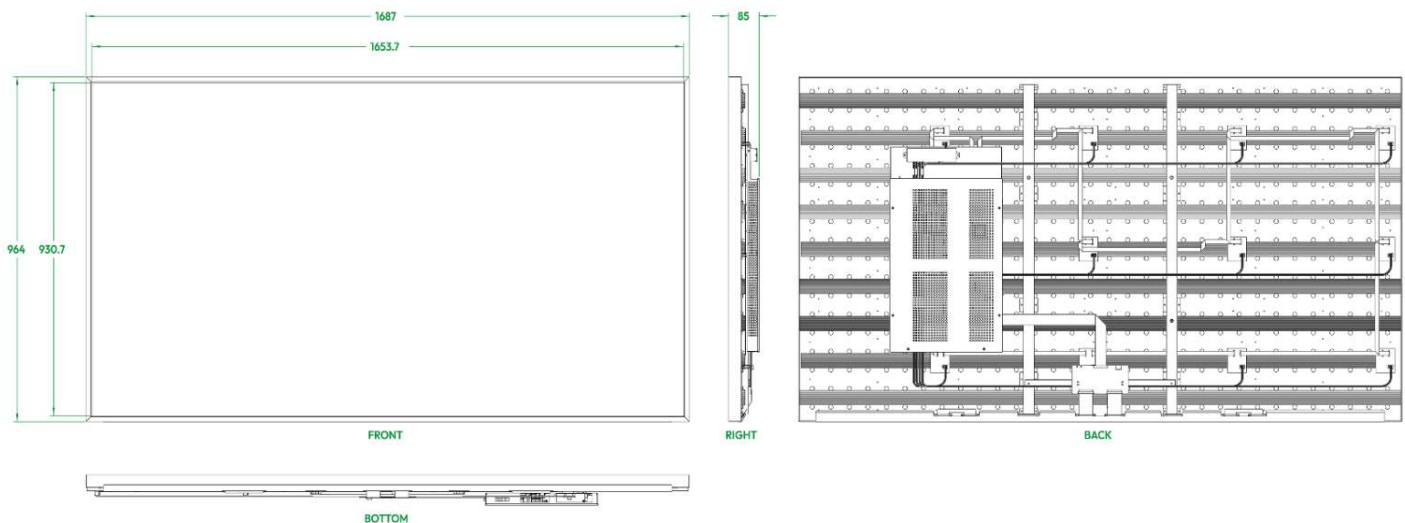
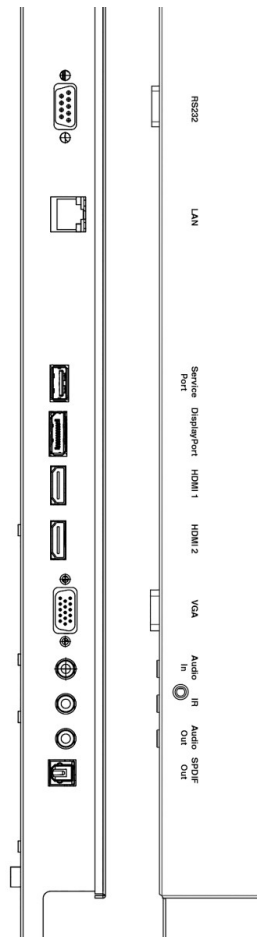
### ELECTRICAL

Power Supply	DC
Power Consumption (Typ)	274 W
Power Consumption (Max)	750 W

### ENVIRONMENTAL

Operating Temperature	0°C ~ 50°C, 35% ~ 85% RH, Full Sunlight
-----------------------	---

### INTERFACE



Specifications subject to change