

XPB-08-256x108-DF

Specifications



Key Features

- Front Ventilation
- Integrated Light Sensor
- Low Profile Design
- Ease of Installation
- Step Edge Design
- Durability

Specifications

Physical	Pixel Pitch	8.255mm (.325") centers
	Display Matrix (wxh)	256 x 108
	Active Dimensions (wxh)	6.94' x 1.94' 2,116mm x 896mm
	Active Area	13.46 ft ² / 1.89 m ²
	Cabinet Dimensions (wxhxd)	7.2' x 3.25' x 5" 2,195mm x 989mm x 128mm
	Weight	202.6 lbs / 91.9 kg
	Cabinet Construction	All aluminum construction

Optical	Brightness	7,500 nit
	Contrast Ratio	10,000:1
	Viewing angle - Horizontal	160° (+/- 80°)
	Viewing angle - Vertical	101° (+38.5°/- 62.5°)
	Number of colors	281 trillion colors
	Dimming Capability	8 bit (256 levels of brightness)
	Color temperature - Default	6,500K - D65

Electrical	Video Rate	60 frames per second
	Animation Rate	60 frames per second
	Video Processing	24 bit, 100% digital, no compression
	Color Processing	16 bit per color (48 bit total)
	Input Power Range	120/240 volts, 50/60 Hz
	Wattage	3,122 watts
	Refresh rate	49,920hz
	Scan Rate	1:1 (Non-multiplexed)

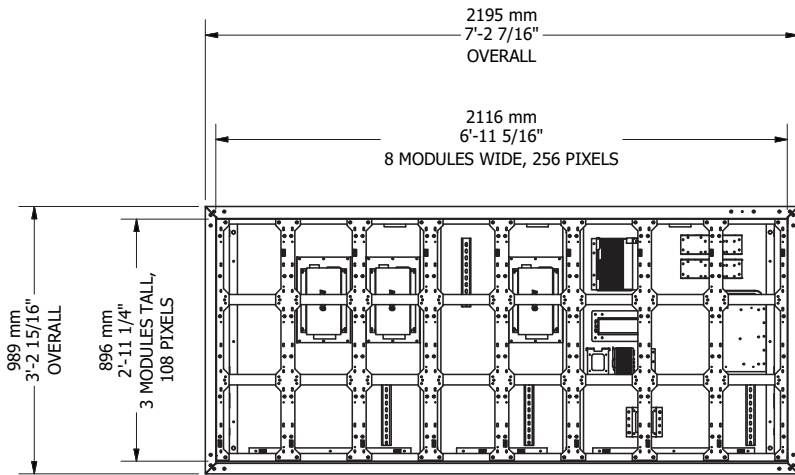
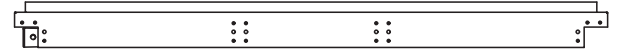
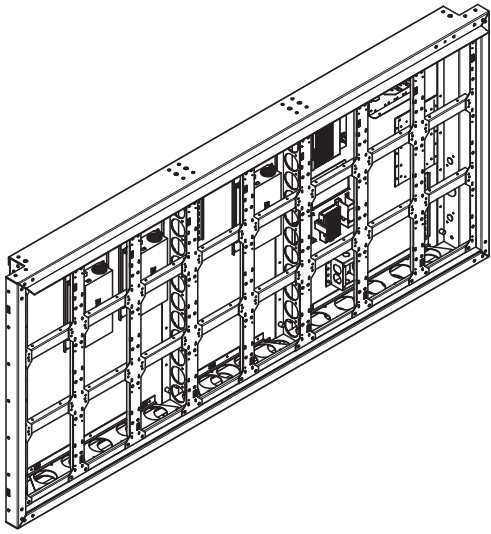
Operational	Working Temperature	-40°C to 55°C / -40°F to 131°F
	Cooling	Quiet running vent fans
	IP Rating	IP65
	LED Lifetime (1/2 brightness)	100,000 hours
	Certification	CE, UL / ULC listed
	Service	Front Service and/or Rear Service

 **Prismview**
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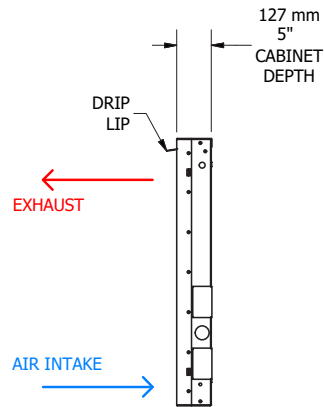
REVISION HISTORY				
DWG ED	REV	DWG EDITION DESCRIPTION	DATE	AUTHOR
1	A	INITIAL DRAWING CREATION	3/29/2018	NAT
2				
3				

GENERAL NOTES:

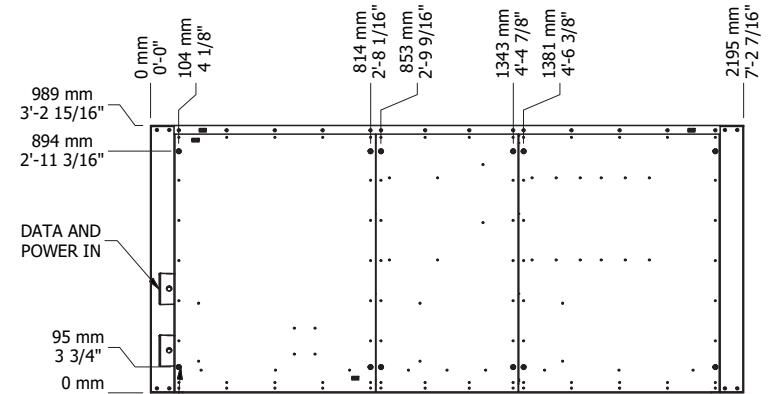
1. ESTIMATED WEIGHT AT 10 LB PER SQUARE FOOT: 202.6 LB [91.9 KG]
2. ESTIMATED LED WATTAGE OF DISPLAY: 1410.0 WATTS
3. ESTIMATED TOTAL WATTAGE OF DISPLAY: 1561.0 WATTS
4. PRIMARY POWER TYPE: 120/240V, 50/60Hz
5. FRONT SERVICE
6. DISPLAY SHIPS IN 1 SECTION(S)
7. ALUMINUM CABINET DESIGN WITH BLACK PERIMETER FINISH
8. ACTUAL CONNECTED LOAD DEPENDS ON NIT VALUES, EFFICIENCY OF THE SYSTEM, AND LED SELECTION. THE ELECTRICAL CONTRACTOR MUST VERIFY LOADS AND POWER TYPE WITH THE FACTORY PRIOR TO FABRICATION
9. ALL CORNERS TO BE SHOP WELDED. SILICONE ALL OTHER SEAMS.



FRONT VIEW
SCALE 1 / 18



SIDE VIEW



REAR VIEW

3/8" CLOSED END NUTSERTS FOR MOUNTING TO REAR STRUCTURE

PROJECT NAME: XPB Better Build 08mm			ITEM NUMBER: MAY-890005
PROJECT NUMBER:	DISPLAYS: 1	SECTIONS: 1	ITEM REVISION: A
DISPLAY ADDRESS:			

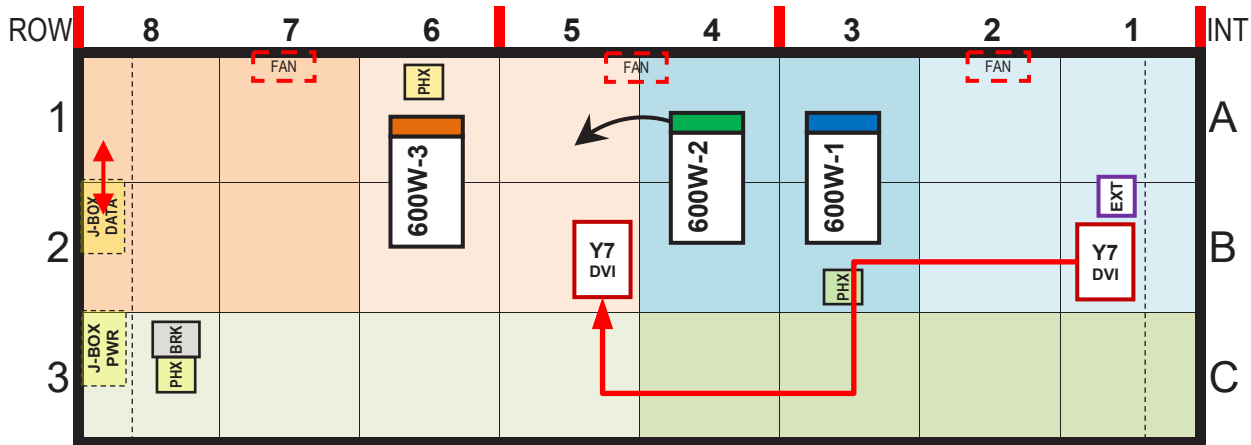
XPB Better Build 08mm 256x108	
BUILD TYPE: BETTER BUILD	UNSPECIFIED TOLERANCES
FANS: FAN-00022 (QTY-3.0)	DECIMAL: ± 0.010
	FRACTIONAL: ± 1/16
	ANGULAR: ± 2°

<p>A Samsung Electronics Company 1651 NORTH 1000 WEST LOGAN, UT 84321 PHONE: 435-774-8800 FAX: 435-774-8801</p>	DRAWING TYPE: Assembly
	SHEET SIZE: 11x17
	SHEET NUMBER: 1 OF 1

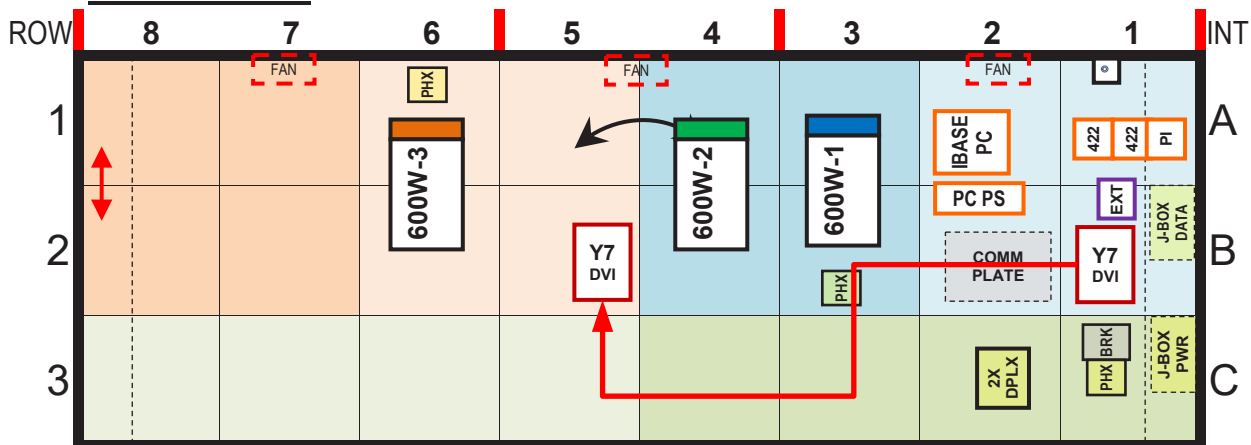
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C:\Users\Wong\Desktop\2018 Assemblies\Standard_Build\XPB 08mm\XPB 890005.dwg, 10/19/2017, C:\Users\Wong\Desktop\2018 Assemblies\Standard_Build\XPB 08mm\XPB 890005.dwg

XPB DF 256x108 8mm COMPONENT LAYOUT (FRONTVIEW)




Slave Face



Master Face

# Drop	#Pieces	Total
1	0	0
2	4	8
4	4	16
	Total	24

POWER SPECIFICATIONS	
LED LOAD@.051W/PIX:	1,410W per Face
TOTAL CONNECTED LOAD:	1,561W per Face
INPUT VOLTAGE:	120V
INPUT CONFIGURATION:	1-20A Circuit Per Face



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1651 NORTH 1000 WEST LOGAN UT 84321 (435)-774-8800 PHN (435)-774-8801 FAX

TITLE:	XPB8- DF 256x108 8mm		
DATE:	6/29/2018	DRW BY:	LKI
REV :		PROJECT:	