

XPB-08-256x108-SF 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	1,561 watts
	Refresh rate	49,920hz
	Scan Rate	1:1 (Non-multiplexed)

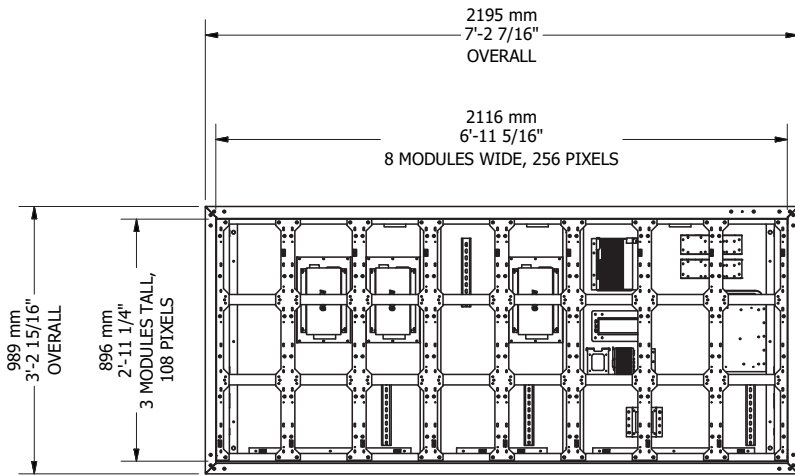
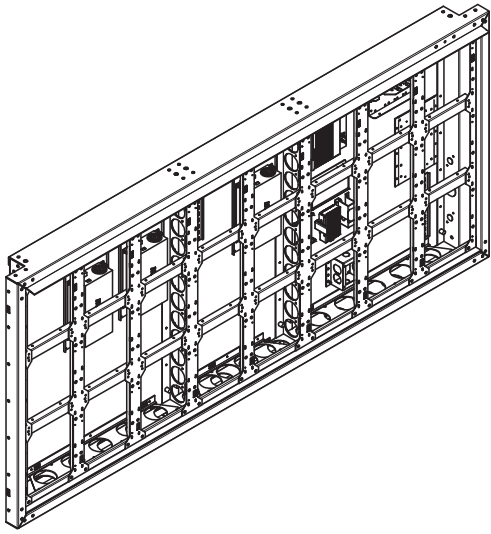
Operational	Working Temperature	-40°C to 55°C / -40°F to 131°F
	Cooling	Quiet running vent fans
	IP Rating	IP65
	LED Lifetime (1/2 brightness)	100,000 hours
	Certification	CE, UL / ULC listed
	Service	Front Service and/or Rear Service

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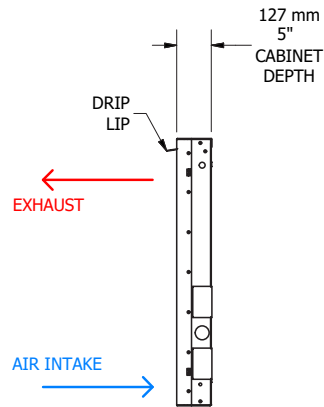
REVISION HISTORY				
DWG ED	REV	DWG EDITION DESCRIPTION	DATE	AUTHOR
1	A	INITIAL DRAWING CREATION	3/29/2018	NAT
2				
3				

GENERAL NOTES:

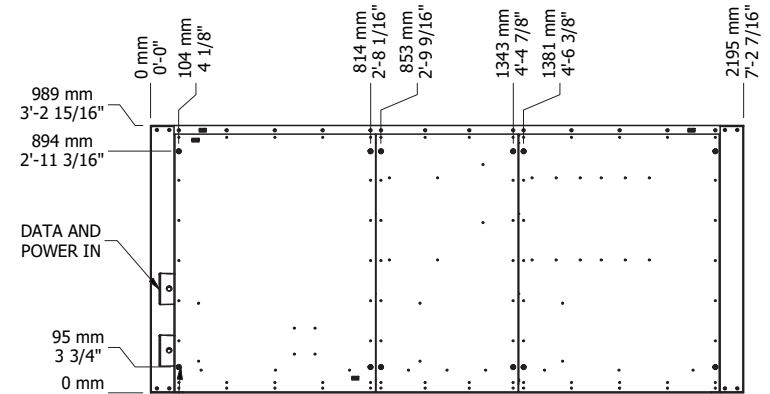
- ESTIMATED WEIGHT AT 10 LB PER SQUARE FOOT: 202.6 LB [91.9 KG]
- ESTIMATED LED WATTAGE OF DISPLAY: 1410.0 WATTS
- ESTIMATED TOTAL WATTAGE OF DISPLAY: 1561.0 WATTS
- PRIMARY POWER TYPE: 120/240V, 50/60Hz
- FRONT SERVICE
- DISPLAY SHIPS IN 1 SECTION(S)
- ALUMINUM CABINET DESIGN WITH BLACK PERIMETER FINISH
- 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
- 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:			

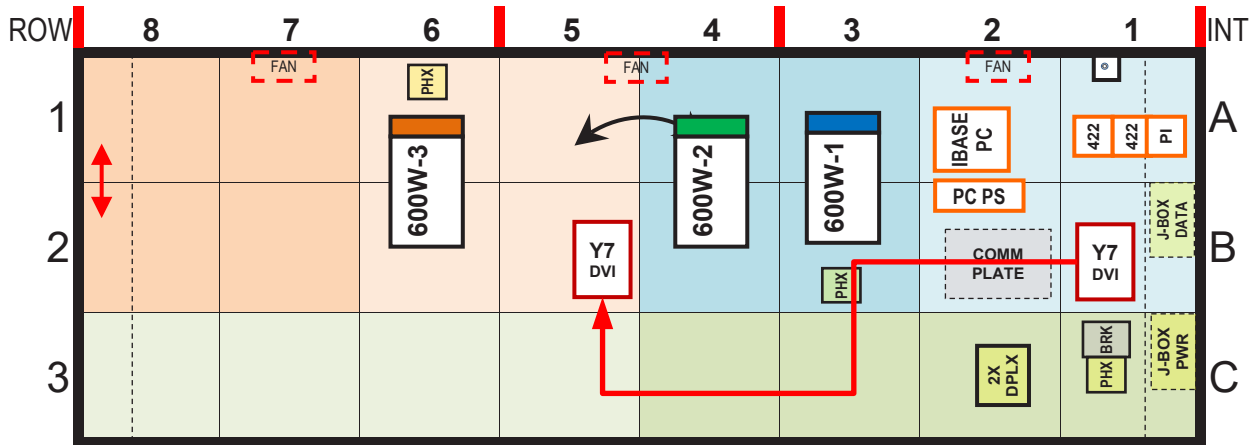
XPB Better Build 08mm 256x108	
BUILD TYPE: BETTER BUILD	UNSPECIFIED TOLERANCES
FANS: FAN-00022 (QTY-3.0)	DECIMAL: ± 0.010
	FRACTIONAL: ± 1/16
	ANGULAR: ± 2°

<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 NUMBER: 11x17
	SHEET NUMBER: 1 OF 1

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XPB SF 256x108 8mm COMPONENT LAYOUT (FRONTVIEW)



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