

XPB-10-224x96-SF

Specifications



Key Features

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

Specifications

Physical	Pixel Pitch	10.32mm (.40625") centers
	Display Matrix (wxh)	224 x 96
	Active Dimensions (wxh)	7.59' x 3.29' 2,315mm x 1,002mm
	Active Area	2.97 ft ² / 2.32 m ²
	Cabinet Dimensions (wxhxd)	7.85' x 3.59' x 5" 2,394mm x 1,095mm x 127mm
	Weight	264.5 lbs / 111.8 kg
	Cabinet Construction	All aluminum construction

Optical	Brightness	7,500 nit
	Contrast Ratio	10,000:1
	Viewing angle - Horizontal	160° (+/- 80°)
	Viewing angle - Vertical	65° (+15°/- 50°)
	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	1,824 watts
	Refresh rate	49,920hz
	Scan Rate	1:1 (Non-multiplexed)

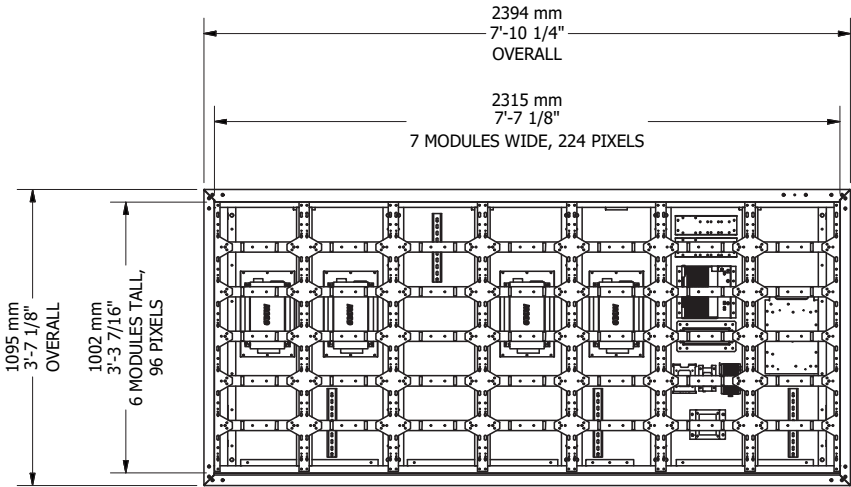
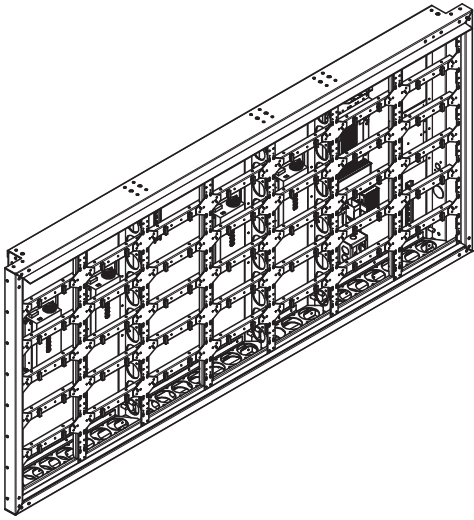
Operational	Working Temperature	-40°C to 55°C / -40°F to 131°F
	Cooling	Quiet running vent fans
	IP Rating	IP65
	LED Lifetime (1/2 brightness)	100,000 hours
	Certification	CE, UL / ULC listed
	Service	Front Service and/or Rear Service



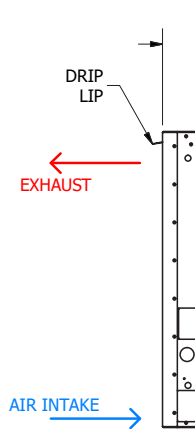
REVISION HISTORY				
DWG ED	REV	DWG EDITION DESCRIPTION	DATE	AUTHOR
1	A	INITIAL DRAWING CREATION	3/30/2018	NAT
2				
3				

GENERAL NOTES:

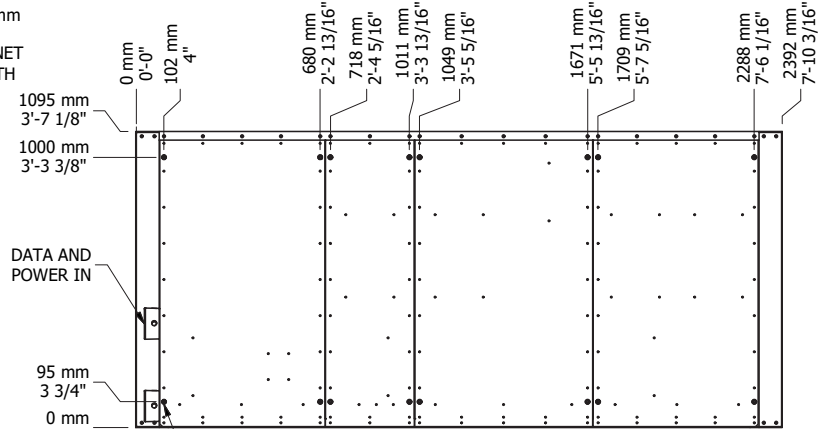
- ESTIMATED WEIGHT AT 10 LB PER SQUARE FOOT: 246.5 LB [111.8 KG]
- ESTIMATED LED WATTAGE OF DISPLAY: 1655.8 WATTS
- ESTIMATED TOTAL WATTAGE OF DISPLAY: 1824 WATTS
- PRIMARY POWER TYPE: 120/240V, 50/60Hz
- FRONT SERVICE
- DISPLAY SHIPS IN 1 SECTION(S)
- ALUMINUM CABINET DESIGN WITH BLACK PERIMETER FINISH
- 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

PROJECT NAME: XPB Better Build 10mm			ITEM NUMBER: MAY-890006
PROJECT NUMBER:	DISPLAYS: 1	SECTIONS: 1	ITEM REVISION: A
DISPLAY ADDRESS:			

XPB Better Build 10mm 224x96	
BUILD TYPE: BETTER BUILD	UNSPECIFIED TOLERANCES
FANS: FAN-00022 (QTY-4)	DECIMAL: ± 0.010
	FRACTIONAL: ± 1/16
	ANGULAR: ± 2°

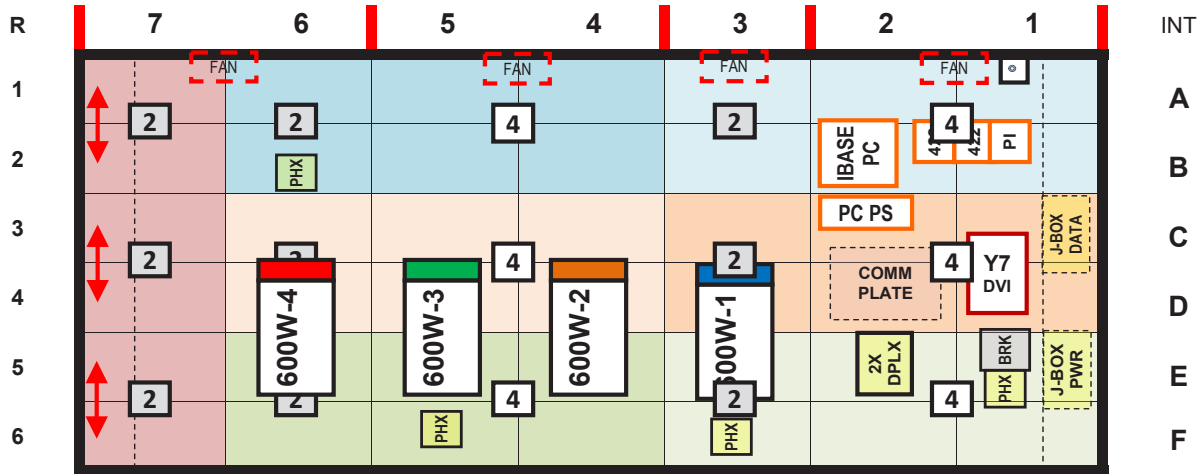
Prismview
A Samsung Electronics Company
1651 NORTH 1000 WEST
LOGAN, UT 84321
PHONE: 435-774-8800 FAX: 435-774-8801

DRAWING TYPE: Assembly
SHEET SIZE: 11x17
SHEET NUMBER: 1 OF 1

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XPB SF 224x96 10mm COMPONENT LAYOUT (FRONTVIEW)



Master Face

# Drop	#Pieces	Total
1	0	0
2	9	18
4	6	24
	Total	42

POWER SPECIFICATIONS	
LED LOAD@.077W/PIX:	1,656W per Face
TOTAL CONNECTED LOAD:	1,824W per Face
INPUT VOLTAGE:	120V
INPUT CONFIGURATION:	1-20A Circuit per Face



Prismview
A Samsung Electronics Company

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TITLE:	XPB10 - SF 224x96 10mm		
DATE:	6/29/2018	DRW BY:	LKI
REV :		PROJECT:	