

1. General Specification

The PXD495HV3-F TFT module was designed with high brightness and high reliable and efficient LED direct backlight. By proper mechanical display integration it can be used for all outdoor platform rail and public transport application requires 24/7 operation and direct sun readability.

Items		Unit	Specification @ 25 deg C	Remark
Dimension	Screen Diagonal	[inch]	49.5"	
	Active Area: HA x VA	[mm]	1209.6(H) x 340.2(V)	Note 1
	Outline Size: HO x VO	[mm]	1243.6(H) x 375(V)	
Parameter	Pixels H x V	-	1920(H)x540(V)	
	Pixel Pitch	[mm]	0.210*0.630	
	Max brightness	[c d/m^2]	2000	At the delivery
	Uniformity of Brightness	[%]	≥80	Note 2
	Color Temp.	[K]	≥6500	
	Power Consumption	[W]	≤85W(BLU)	+/-10%
	Contrast Ratio	-	1500	Note 3
	Aspect Ratio	-	16:4.5	
	Viewing Angle	[°]	176(H)176(V)	w.o. front glass
	Response Time(typical)	[ms]	14	
	Mean expected Lifetime	-	min. 100.000 h @ 25°C	Note 4
	MTBF	-	appr. 4.000.000h	Note 6
	Display Colors	[colors]	16.7M	
	Color Gamut		SRGB >95%	NTSC>75%
	Surface Treatment		Haze 25%	+/-3
	Weight	[Kg]	9.5	+/-10%
LCD Electrical	LCD input Voltage	[V]	12(type)	
	LCD input Current	[A]	0.3 (type)	
	LCD inrush Current	[A]	≤3	
Environment	Operating Temp.	[°C]	-25~ +85	TNI LC Note 5
	Storage Temp.	[°C]	-35~ +85	
	Humidity	[%]	10-90	

Note:

(1) Active Area Dimensions: Horizontal=HA, Vertical=VA

(2) Uniformity measurement: $\text{Min (5 points)} / \text{Max (5 points)} \times 100\%$. Measurement setup according to Figure1

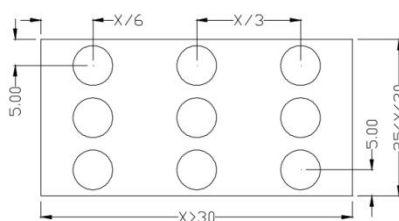


Figure (1) Uniformity measurement

#APPENDIX-1-Mechanism dimensions

