

1. General Specification

The PXD750HV2-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]	75"	
	Active Area: H _A x V _A	[mm]	1649.664(H) x 927.936(V)	Note 1
	Outline Size: H _O x V _O	[mm]	1683.06(H) x 975.34(V) x 40(D)	
Parameter	Pixels H x V	-	3840(H)×2160(V)	
	Pixel Pitch	[um]	0.4296X0.4296	
	Min brightness	[c d/m ²]	2000	At the delivery
	Uniformity of Brightness	[%]	≥80	Note 2
	Color Temp.	[K]	≥6500K	
	Power Consumption(BL)	[W]	≤500	+/-10%
	Contrast Ratio(typical)	-	1200:1 Typ	Note 3
	Aspect Ratio	-	16:9	
	Viewing Angle	[°]	178(H)178(V)	
	Response Time	[ms]	8	
	Mean expected Lifetime	-	min. 100.000 h @ 25°C	Note 4
	MTBF	-	min. 100.000 h @ 25°C	Note 4
	Display Colors	[colors]	1.07G (8bits + FRC)	
	Surface Treatment		Haze 25%	+/-3
	Weight	[Kg]	≤28	+/-10%
LCD Electrical	LCD input Voltage	[V]	12(type)	
	LCD input Current	[A]	0.7(type)	
	LCD inrush Current	[A]	≤10	
Environment	Operating Temp.	[°C]	min. -30°C ... +80°C	TNI LC Note 5
	Storage Temp.	[°C]	min. -30°C ... +80°C	
	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

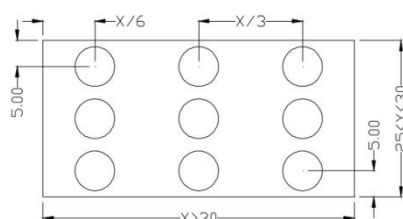


Figure (1) Uniformity measurement

(3) Measurement setup according to the original OC data sheet

#APPENDIX-1-Mechanism dimensions

