

1. Display Characteristics Summary

Under 25° C condition:

Items		Unit	Specifications	Remark
Dimension	Screen Diagonal	[inch]	49.0"	
	Active Area: $H_A \times V_A$	[mm]	1073.8(H) x 604(V)	Note 1
	Outline Size: $H_O \times V_O$	[mm]	1094.2(H) x 636.7(V)	
Parameter	Pixels H x V	-	3840(H)x2160(V)	
	Pixel Pitch	[mm]	0.27963 x 0.27963	
	White Luminance Code	[c d/m ²]	300 (typ)	At the delivery
	Uniformity	[%]	≥75	Note 2
	Color Temp.	[K]	≥6500	
	Power Consumption	[W]	35	+/-10%
	Curvature	-	R1500	Note 3
	Aspect Ratio	-	16:9	
	Viewing Angle	[°]	176(H)176(V)	
	Response Time	[ms]	8	
	Mean Expected Lifetime	-	100.000 h @ 25° C (BLU)	Note 4
	Display Colors	[colors]	10-bit(D), 1.07 Billion colors	
	Weight	[Kg]	14	+/-10%
LCD Electrical	LCD input Voltage	[V]	12(type)	
	LCD input Current	[A]	1.325 (type)	
	LCD inrush Current	[A]	≤10	
Environment	Operating Temp.	[° C]	0 ~ 50	
	Storage Temp.	[° C]	-20 ~ 60	
	Humidity	[%]	10-90	

Note:

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

(2) Uniformity measurement: Min (5points) /Max(5 points) X100%. Measurement setup according to Figure1

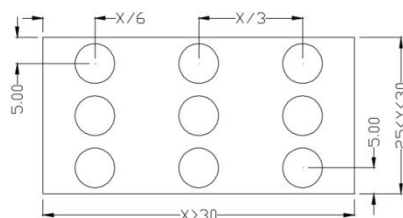


Figure (1) Uniformity measurement

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

(4) Valid for LED backlight unit

Technical drawing of the PXD490CV0.0 outline dimension. The drawing includes a top view, a side view, and a detail view of the bottom edge. The top view shows a rectangular panel with a width of 636.7 mm and a height of 1094.234 mm. The side view shows a curved profile with a radius of R1500 and a thickness of 21.7 mm. The detail view shows the bottom edge with 4-M3*5 user holes. The drawing is labeled with dimensions and tolerances.