

1. Display Characteristics Summary

Under 25° C condition:

	Items	Unit	Specifications	Remark
Dimension	Screen Diagonal	[inch]	24	
	Active Area: $H_A \times V_A$	[mm]	527.04 (H) x 296.46 (V)	Note 1
	Outline Size: $H_O \times V_O$	[mm]	593.5(H) x 363.5(V)	
Parameter	Pixels H x V	-	1920(H)×1080(V)	
	Pixel Pitch	[mm]	0.2745X0.2745	
	White Luminance Code	[c d/m ²]	700(typ)	At the delivery
	Uniformity	[%]	≥80	Note 2
	Color Temp.	[K]	6500 ±500K x:0.31±0.01, y:0.325±0.025	
	Power Consumption	[W]	<24	+/-10%
	Contrast Ratio	-	1000:1	Note 3
	Aspect Ratio	-	16:9	
	Viewing Angle	[°]	178(H)178(V)	
	Response Time	[ms]	14	
	LED backlight: Mean expected lifetime @ 25° C	H	70k at 700 cd/m ²	Note 4
			100k at 500 cd/m ²	
	Display Colors	[colors]	16.7M	
	Weight	[Kg]	≤3	+/-10%
LCD Electrical	LCD input Voltage	[V]	5(type)	
	LCD input Current	[A]	0.7 (type)	
	LCD inrush Current	[A]	≤3	
Environment	Operating Temp.	[° C]	0-50	
	Storage Temp.	[° C]	-25-60	
	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

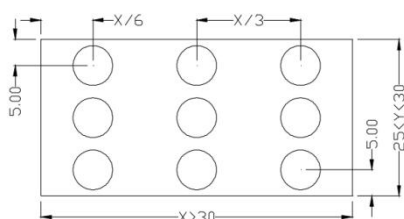


Figure (1) Uniformity measurement

- (3) Measurement setup according to the original OC data sheet
(4) Valid for LED backlight unit

#APPENDIX-1

Mechanism dimensions

