

1. Display Characteristics Summary

Under 25° C condition:

Items		Unit	Specifications	Remark
Dimension	Screen Diagonal	[inch]	29	
	Active Area: $H_A \times V_A$	[mm]	698.4 (H) x 221.85 (V)	Note 1
	Outline Size: $H_O \times V_O$	[mm]	726.58(H) x 252.84(V)	
Parameter	Pixels H x V	-	1920(H)x610(V)	
	Pixel Pitch	[mm]	0.36375X0.36375	
	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]	<40	+/-10%
	Contrast Ratio	-	5000:1	Note 3
	Aspect Ratio	-	16:5	
	Viewing Angle	[°]	178(H)178(V)	w.o. front glass
	Response Time	[ms]	9.5	
	LED backlight: Mean expected lifetime @ 25° C	H	65,000 at 700 cd/m ² (100%)	Note 4
			90,000 at 500 cd/m ²	
	Display Colors	[colors]	16.7M	
	Weight	[Kg]	≤3	+/-10%
LCD Electrical	LCD input Voltage	[V]	12(type)	
	LCD input Current	[A]	0.6 (type)	
	LCD inrush Current	[A]	≤1.56	
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

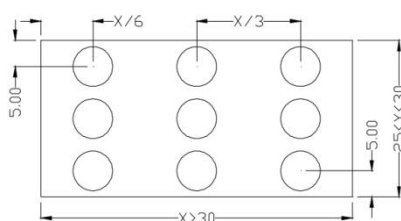


Figure (1) Uniformity measurement

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

(4) Valid for LED backlight unit

#APPENDIX-1

Mechanism dimensions

