

1. General Specification

Items		Unit	Specification @ 25 deg C	Remark
Dimension	Screen Diagonal	[inch]	48.0"	
	Active Area: HA x VA	[mm]	1209.6(H) x 160(V)	Note 1
	Outline Size: HO x VO	[mm]	1242(H) x 190(V)	
Parameter	Pixels H x V	-	3840(H)×507(V)	
	Pixel Pitch	[mm]	0.315*0.315	
	Brightness	[c d/m ²]	700(Typ.)	At the delivery
	Uniformity of Brightness	[%]	≥80	Note 2
	Color Temp.	[K]	≥6500	
	Power Consumption	[W]	<50W(BLU)	+/-10%
	Contrast Ratio	-	5000:1	Note 3
	Aspect Ratio	-	16:2.1	
	Viewing Angle	[°]	178(H)178(V)	w.o. front glass
	Response Time(typical)	[ms]	12	
	Mean expected Lifetime	-	min. 100.000 h @ 25°C	Note 4
	Display Colors	[colors]	1.07B	
	Weight	[Kg]	<8	+/-10%
LCD Electrical	LCD input Voltage	[V]	12(type)	
	LCD input Current	[A]	0.87 (type)	
	LCD inrush Current	[A]	≤3.41	
Environment	Operating Temp.	[°C]	-20~ +60	
	Storage Temp.	[°C]	-20~ +60	
	Humidity	[%]	10-90	

Note:

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

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

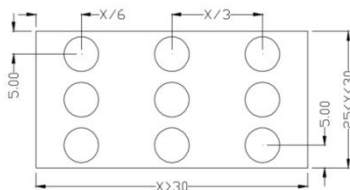


Figure (1) Uniformity measurement

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

(4) Valid for LED backlight unit

#APPENDIX-1-Mechanism dimensions

