

1. Display Characteristics Summary

Under 25° C condition:

Items		Unit	Specifications	Remark
Dimension	Screen Diagonal	[inch]	55.0"	
	Active Area: $H_A \times V_A$	[mm]	1206.9(H) x 680.4(V)	Note 1
	Outline Size: $H_O \times V_O$	[mm]	1220.3(H) x 713(V)	
Parameter	Pixels H x V	-	3840(H)x2160(V)	
	Pixel Pitch	[mm]	0.315 x 0.315	
	White Luminance Code	[c d/m ²]	300 (typ)	At the delivery
	Uniformity	[%]	≥75	Note 2
	Color Temp.	[K]	≥6500	
	Power Consumption	[W]	43	+/-10%
	Curvature	-	R1500	Note 3
	Aspect Ratio	-	16:9	
	Viewing Angle	[°]	176(H)176(V)	
	Response Time	[ms]	9	
	Mean Expected Lifetime	-	100.000 h @ 25° C (BLU)	Note 4
	Display Colors	[colors]	10-bit(D), 1.07 Billion colors	
	Weight	[Kg]	17	+/-10%
LCD Electrical	LCD input Voltage	[V]	12(type)	
	LCD input Current	[A]	1.52 (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

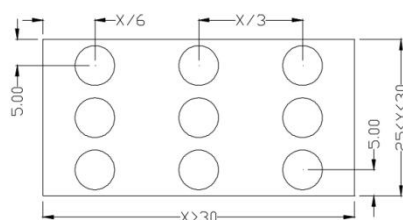


Figure (1) Uniformity measurement

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

(4) Valid for LED backlight unit

#APPENDIX-1 Mechanism dimensions

