

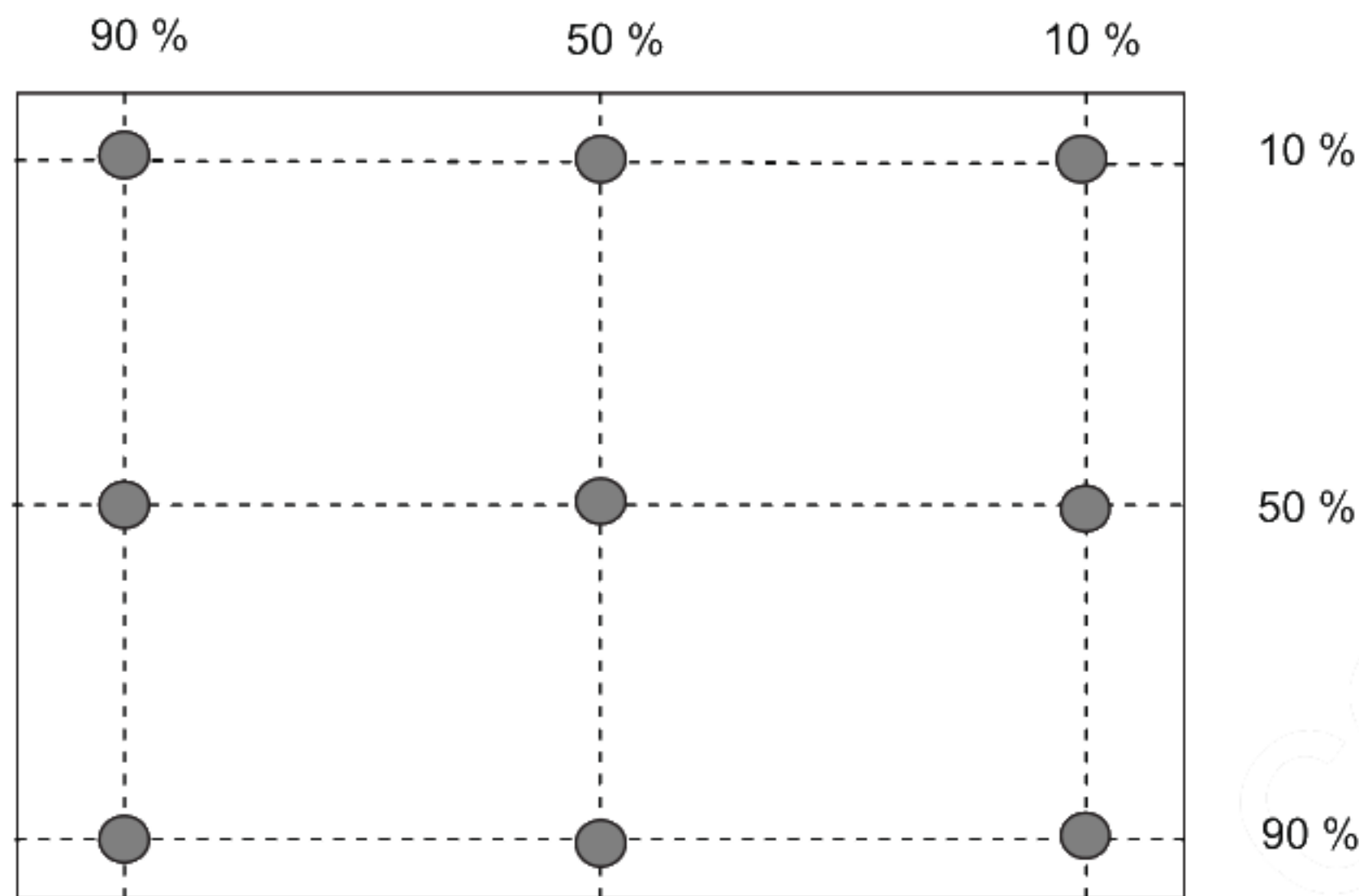
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Record of Revision

Version and Date	Page	Old description	New Description								
0.0 2010/07/30	All	First Edition									
0.1 2010/11/08	5 10	Storage Temp: -25 to 75	Storage Temp: -20 to 70								
	6	TBD White Luminance: Ir=80mA	<table border="1"> <thead> <tr> <th>Item</th><th>Unit</th><th>Conditions</th><th>Min.</th><th>Typ.</th></tr> </thead> <tbody> <tr> <td>White Luminance</td><td>cd/m²</td><td>T_A=25°C V_F=2.5V I_F</td></tr></tbody></table>	Item	Unit	Conditions	Min.	Typ.	White Luminance	cd/m ²	T _A =25°C V _F =2.5V I _F
Item	Unit	Conditions	Min.	Typ.							
White Luminance	cd/m ²	T _A =25°C V _F =2.5V I _F									

Note 2: Definition of 9 points position (Display active area : **184.8(H) x 110.88(V)**)



Note 3: The luminance uniformity of 9 points is defined by dividing the minimum luminance value by the maximum test point luminance

$$\delta_{w$$

Note 6: Definition of viewing angle

Viewing angle is the measurement of contrast ratio ≥ 10 , at the screen center, over a 180° horizontal and 180° vertical range (off-normal viewing angles). The 180° viewing angle range is broken down as below: 90° (θ) horizontal left and right, and 90° (Φ) vertical high (up) and low (down). The measurement direction is typically perpendicular to the display surface with the screen rotated to its center to develop the desired measurement viewing angle.

5. Electrical Characteristics

5.1 TFT LCD Module

5.1.1 Power Specification

Symbol	Parameter	Min	Typ	Max	Units	Remark
VDD	Logic/LCD Input Voltage	3.0	3.3	3.6	[Volt]	
I_{VDD}	LCD Input Current	135	150	200	[mA]	VDD=3.3V at 60 HZ, all Black Pattern
P_{VDD}						

6. Signal Characteristic

6.1 Pixel Format Image

Following figure shows the relationship between input signal and LCD pixel format.

	1			2															799	800		
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Pin No.	Symbol	Description
31	Hsync	Horizontal synchronous signal
32	GND	Ground
33	Vsync	Vertical synchronous signal
34	REV	Normal :OPEN/GND; Reverse :High
35	ENAB	Data enable signal (signal to settle the horizontal display position)
36	Mode	NC:DE mode
37	VDD	+3.3V power supply
38	VDD	+3.3V power supply
39	VDD	+3.3V power supply
40	VDD	+3.3V power supply

Note:1 In DE

