LG Display

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Where Your Value Creation Begins

LG Display

Global Network
Products
S-IPS
Global Manufacturing Facilities
Milestones

Milestones

To Be World's No.1 Display Company

'07 Wroclaw module plant began mass production
Guangzhou module plant began mass production
World's first full color flexible e-paper developed

'06 P7 began mass production
World's largest 100" TFT-LCD developed

'04 P6 began mass production
Korea's first company to complete a dual concurrent listing on both KRX and NYSE World's first 20.1" AMOLED developed by utilizing LTPS

'03 P5 began mass production
Nanjing module plant began mass production

'02 P4 began mass production
World's first 52" TFT-LCD developed

'00 P3 began mass production

'99 LG.Philips LCD Co., Ltd. launched as a joint venture

'98 P2 began mass production
Company name changed to LG LCD
Acquired TFT-LCD related business assets from LG Electronics and LG Semicon

'97 Company name changed to LG Soft

'95 P1 began mass production
9.5" TFT-LCD first released
Company name changed to LG Software

'93 LCD Business Division established within LG Electronics

'87 Goldstar R&D Center began TFT-LCD research

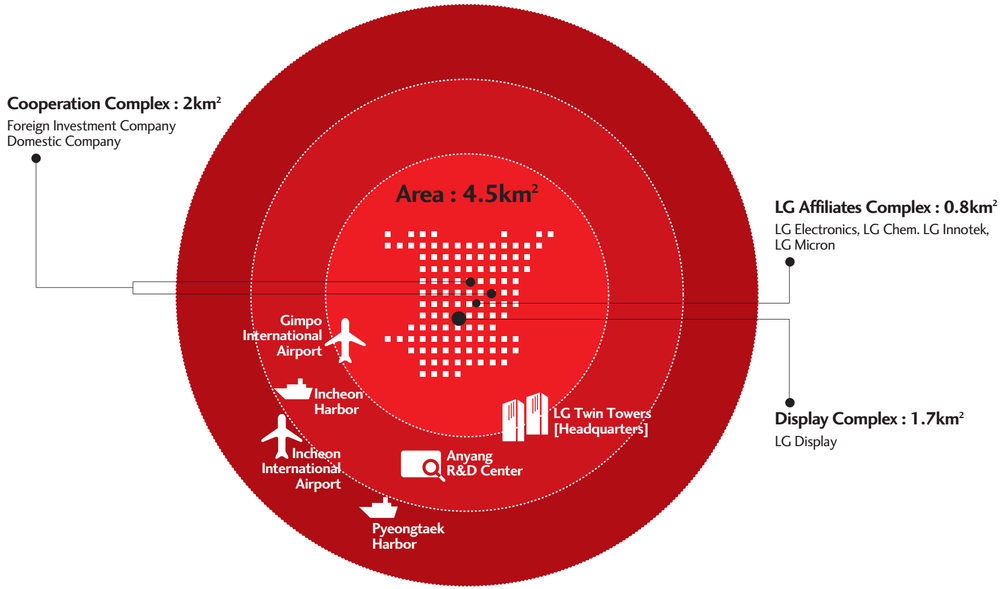
'85 Established Goldstar Software

'08 Company name changed to LG Display

LG Display

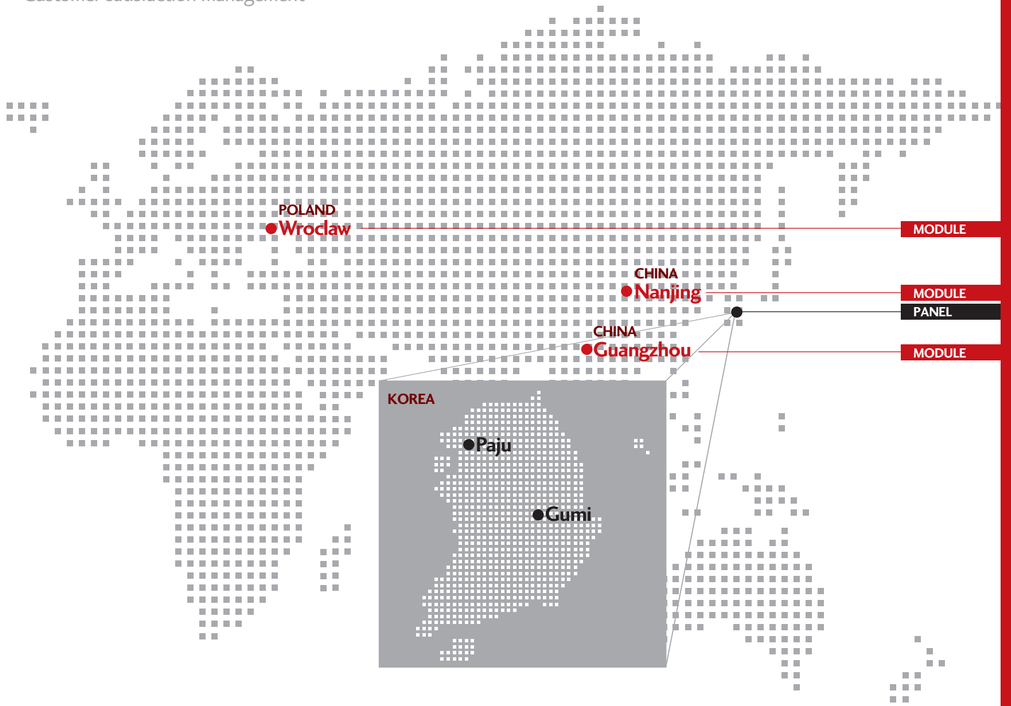
World's Largest **Paju Display Cluster**

More than 30 suppliers and customer companies
Easy access to talented human resources and logistic infrastructure



Global Manufacturing Facilities

Timely production and supply at global facilities
Customer satisfaction management



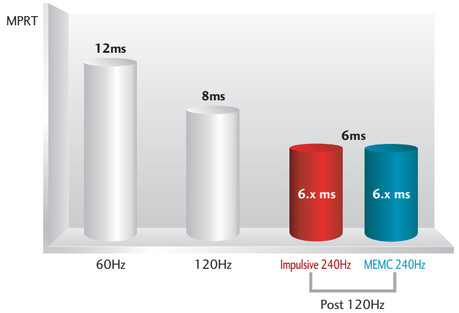
Super In Plane Switching (S-IPS)

Super-IPS delivers wider viewing angle and great color fidelity
LG Display's S-IPS technology allows for the widest viewing angle with the least amount of color shift

Impulsive 240Hz Technology

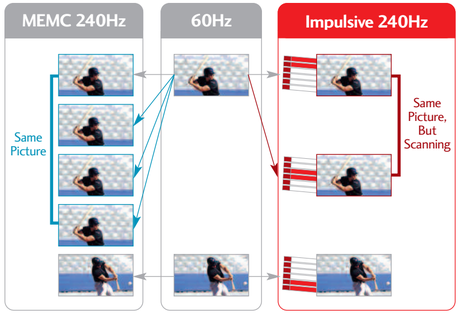
Fast MPRT

Impulsive 240Hz provides a same level of MPRT as MEMC 240Hz



Better Image Quality

In 240Hz, MEMC can not produce predictable images in irregular and rapid converting motion pictures as it works as 60Hz, thus results in unnatural images and eye fatigue



Cost Effectiveness

Impulsive 240Hz has a better total cost competitiveness than MEMC 240Hz in terms of LCD TV Set

Time To Market

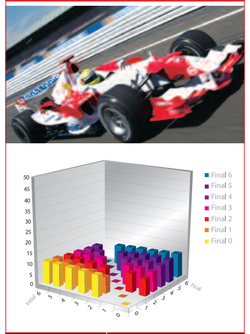
Unlike MEMC 240Hz, Impulsive 240Hz can apply a current board immediately, and LGD's customers will be able to launch by '09 1Q

Advantage of S-IPS

Vivid & Clear Motion Picture

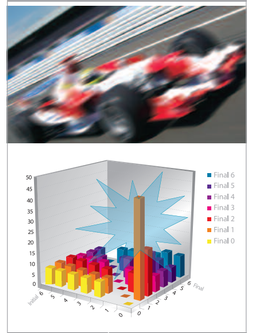
Full HD with 120Hz technology delivers a crisp and clean picture with faster response time of the moving picture.

IPS Mode



	MPRT(ms)
Ave.	8.44
Max.	11.12
Min.	5.93

VA Mode

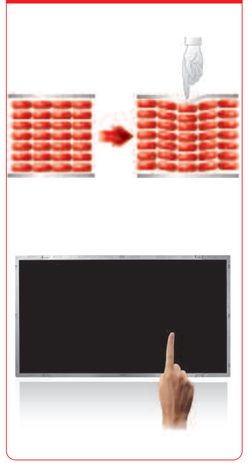


	MPRT(ms)
Ave.	10.3
Max.	48.67
Min.	7.22

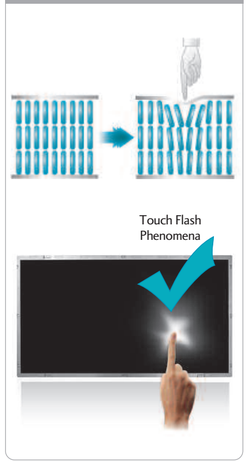
Touch Screen

The uniform and stable liquid crystal composition of an IPS mode is resistant to external stimuli, minimizing distorted "Touch flash" effects when touched

IPS Mode



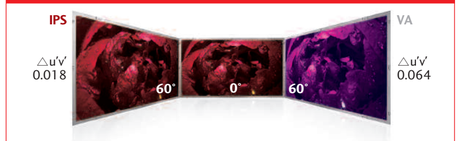
VA Mode



No Color Wash

IPS maintains high color fidelity, low gamma distortion, and high contrast ratio, providing vivid color from any viewing angle.

Color Shift



@ 60°	IPS	VA
Color shift[1] (△u'v')	0.018	0.037
GSR[2] (%)	0.78	43.5

1) Average of 24-color patches of Macbeth color checker
2) Gamma Shift Ratio : (| 60° γ - 0° γ | / 0° γ) x 100

Gamma Shift

Green Product

EEFL lamps with high transmissivity and energy efficiency are used in IPS reducing energy consumption with OPC (Optimal Power Control) technology and producing more eco-friendly, lead-free products

Saved power consumption with OPC (Optimal Power Control)

Text Mode

Brightness : 70~100%(Static)
Backlight : 70~100%(Static)

Spotlight Window Mode

Brightness : Spot Window 100%
Other Area : 50%
Backlight : 30~100%(Dynamic)

Entertainment Mode

Brightness : 100%
Backlight : 30~100%(Dynamic)

Monitor

Wider, brighter and crisper images for multi-function monitors
LG Display's technological innovations have placed us at the forefront of the growing market for large and wide multi-function monitors as well as regular LCD monitors.

Notebook PC

Truly personal, ultra mobile, high-performance notebook PCs
For the ultimate in personal computing, LG Display's ultra-thin and ultra-light panels make notebook computers truly mobile.

HD Television

The perfect centerpiece for the high-definition digital lifestyle
LG display offers a wide array of state-of-the-art displays for televisions with Super IPS technology.

The LG Display World

The digital display world TFT-LCD brings. LG Display goes to all the places we live.

Monitor

*GTG : Gray-to-Gray
**DCR : Dynamic Contrast Ratio

Category	17.1" Wide	19"Wide		20"Wide	20.1"Wide	21.5"Wide	22" Wide	23"Wide	24" Wide		26" Wide	27"Wide	30" Wide
	LM171WX3	LM190WH1	LM190WX1	LM200WD1	LM201WE3	LM215WF1	LM220WE1	LM230WF1	LM240WU4	LM240WU3	LM260WU2	LM270WF1	LM300WQ5
Resolution	1440x900 WXGA+	1366x768 HD	1440x900 WXGA+	1600x900 HD+	1680x1050 WSXGA+	1920x1080 FHD	1680x1050 WSXGA+	1920x1080 FHD	1920x1200 WUXGA	1920x1200 WUXGA	1920x1200 WUXGA	1920x1080 FHD	2560x1600 WQXGA+
Aspect Ratio	16:10	16:9	16:10	16:9	16:10	16:9	16:10	16:9	16:10	16:10	16:10	16:9	16:10
Number of Colors	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (6bit+A-FRC)	16.7M (8bit)	16.7M (8bit)	16.7M (8bit)	16.7M (6bit+A-FRC)	16.7M (8bit)
Brightness (nit)	250	300	300	300	300	300	300	300	400	400	400	400	370
Color Saturation (%)	60	72	72	72	72/92	72	72	72	102	92	102	92	102
Max. Contrast Ratio	800:1	1000:1	1000:1	1000:1	800:1	1000:1	1000:1	1000:1	3000:1**	1000:1	3000:1**	1000:1	3000:1**
Viewing Angle (°, H/V)	160/160	170/160	160/160	170/160	160/160	170/160	160/160	170/160	178/178†	160/160	178/178†	170/160	178/178†
Response Time (ms)	8	5	5	5	5	5	5	5	5 (GTG*)	5	5 (GTG*)	2 (GTG*)	5 (GTG*)
Interface	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	TMDS
Outline Dimension (mm)	389.2x254.5	430.4x254.6	427.2x277.4	462.8x272.0	459.4x296.4	495.6x292.2	493.7x320.1	533.2x312.0	546.4x352.0	546.4x352.0	582.0x375.6	630.0x368.2	677.3x436.8
Thickness (mm)	11.5	13.0	15.3	16.5	22.8	16.5	16.5	16.5	40.3(w/inv.)	35.8(w/o inv.)	41.5	37.2(w/o inv.)	42.3
MP Schedule	MP	MP	MP	Q4, '08	MP	Q4, '08	MP	MP	MP	MP	MP	MP	MP

Notebook PC

* Thickness : Except for PCB

Category	8.9" Wide	10.1" Wide	12.1" Wide	13.3" Wide			14" Wide	14.1" Wide		15.4" Wide			15.6" Wide				17.1" Wide			17.3" Wide	
	LP089WS1	LP101WS1	LP121WX3	LP133WX2	LP133WX2	LP133WH2	LP140WH1	LP141WX5	LP141WP2	LP154WX7	LP154WP2	LP154WU2	LP156WH1	LP156WH2	LP156WD1	LP156WF1	LP171WPA	LP171WU3	LP171WU5	LP173WD1	LP173WF1
Resolution	1024x600 WSVGA	1024x576 WSVGA	1280x800 WXGA	1280x800 WXGA	1280x800 WXGA	1366x768 HD	1366x768 HD	1280x800 WXGA	1440x900 WXGA+	1280x800 WXGA	1440X900 WXGA+	1920X1200 WUXGA	1366x768 HD	1366x768 HD	1600x900 HD+	1920X1080 FHD	1440X900 WXGA+	1920X1200 WUXGA	1920X1200 WUXGA	1600x900 HD+	1920X1080 FHD
Aspect Ratio	15:9	16:9	16:10	16:10	16:10	16:9	16:9	16:10	16:10	16:10	16:10	16:10	16:9	16:9	16:9	16:9	16:10	16:10	16:10	16:9	16:9
Number of Colors	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	262K (6 bit)	16.7M (8 bit)	262K (6 bit)	262K (6 bit)
Brightness (nit)	200nit	200nit	200	275	300	220	220	220	250	220	330	340	220	220	220	220	300	200	300	200	220
Contrast Ratio	400:1	300:1 (min.)	500:1	400:1	500:1	500:1	500:1	400:1	300:1	400:1 (min.)	500:1	500:1 (min.)	400:1	600:1	500:1 (min.)	600:1	600:1	600:1	500:1 (min.)	600:1	300:1 (min.)
Color Saturation (%)	45	45	45	45	45	45	60	45	45	45	45	72	60	60	60	60	45	50	100	60	72
Viewing Angle (°, H/V)	120/100	90/50	90/50	90/50	90/50	90/50	80/40	90/50	80/50	90/50	120/110	120/110	90/50	90/50	90/50	160/140	120/100	130/110	160/130	80/40	120/100
Response Time (ms)	16	16	16	16	16	16	8	16	16	16	16	16	8	16	16	8	16	16	8(GTG)	16	8
Interface	LVDS 1 Port	LVDS 1 Port	LVDS 1 Port	LVDS 1 Port	LVDS 1 Port	LVDS 1 Port	LVDS 1 Port	LVDS 1 Port	LVDS 2 Port	LVDS 1 Port	LVDS 2 Port	LVDS 2 Port	LVDS 1 Port	LVDS 1 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port	LVDS 2 Port
Outline Dimension (mm)	213.70x129.85	235.5x143.5	275.8x178.1	297.15x192.15	296.5x192.5	306.3x177.7	323.5x192.0	319.5x206.5	319.5x206.5	334.0x222.0	344.0x222.0	344.0X225.0	359.3x209.5	359.3x209.5	360x210	360x210	382.2x248.0	382.2x244.5	382.7X248.0	398.6x233.3	398.6x233.3
Thickness (mm)(max.)	5.45	5.20	5.50	3.50	3.35	3.50	5.2	5.50	5.50	6.50	5.80	7.00	6.20	5.50	6.50	5.70	7.00	6.50	7.00	6.0	6.00
Power Cosumption† (W)	2.9	3.0	4.3	4.5	4.5	4.2	4.3	4.2	4.6	5.2	4.6	10.7	6.5	5.5	6.5	7.0	5.8	7.3	15.0	7.0	9.2
Weight (g)	190	180	260	285	220	275	340	360	360	485	440	635	510	435	435	455	595	660	800	570	565
Remarks	White LED	White LED	White LED	White LED	White LED			White LED	White LED	White LED	White LED	Y-stack		White LED	White LED	White LED	White LED		RGB LED	White LED	White LED
MP Schedule	MP	Q4, '08	Q4, '08	MP	MP	Q1, '09	Q4, '08	MP	MP	MP	MP	MP	MP	Q4, '08	Q1, '09	Q1, '09	MP	MP	MP	Q1, '09	Q1, '09

HD Television

Aspect Ratio : 16:9 (All)
Viewing Angle (CR>_10) : 180/180 (All)
*GTG : Gray-to-Gray
**MPRT : Motion Picture Response Time
+10bit (D) : 10 bit+Dithering

Category	32" Wide		37" Wide					42" Wide					47" Wide					55" Wide		
	LC320WXN	LC320WUN	LC370WXN	LC370WUN	LC370WUD			LC420WXN	LC420WUN	LC420WUD			LC470WUN	LC470WUD			LC470WUL	LC550WUD		LC550WUL
					Conventional	Impulsive 240Hz	Slim & Narrow			Conventional	Impulsive 240Hz	Slim & Narrow		Slim & Narrow	Impulsive 240Hz	Conventional	LED	Conventional	Impulsive 240Hz	LED
Frequency	60Hz	60Hz	60Hz	60Hz	120Hz	Impulsive 240Hz	120Hz	60Hz	60Hz	120Hz	Impulsive 240Hz	120Hz	60Hz	120Hz	Impulsive 240Hz	120Hz	120Hz	120Hz	Impulsive 240Hz	120Hz
Definiton (Resolution)	HD	Full HD	HD	Full HD	Full HD	Full HD	Full HD	HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD	Full HD
Number of Colors***	8bit	10bit (D)	8bit	10bit (D)	10bit (D)/10bit	10bit (D)	10bit (D)	8bit	10 bit (D)	10bit (D)/10bit	10bit (D)	10bit (D)	10bit (D)	10bit (D)	10bit (D)	10bit (D)/10bit	10bit (D)	10bit (D)	10bit (D)	10bit (D)
Brightness (nit)	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Color Saturation (%)	72	72	72	72	72/92	72	72	72	72	72/92	72	72	72	72	72	72/92	80	72	72	80
Dynamic Contrast Ratio	12,000:1	13,000:1	12,000:1	15,000:1	15,000:1	15,000:1	15,000:1	12,000:1	15,000:1	15,000:1	15,000:1	15,000:1	15,000:1	15,000:1	15,000:1	15,000:1	1000,000:1	15,000:1	15,000:1	1000,000:1
Response Time (ms)	8*	6*	5*	5*	5*(8**)	5*(6**)	5*(8**)	5*	5*	5*(8**)	5*(6**)	5*(8**)	5*	5*(8**)	5*(6**)	5*(8**)	5*(6**)	5* (8**)	5*(6**)	5*(6**)
Interface	LVDS 1 port	LVDS 2 port	LVDS 1 port	LVDS 2 port	LVDS 4 port	LVDS 4 port	LVDS 4 port	LVDS 1 port	LVDS 2 port	LVDS 4 port	LVDS 4 port	LVDS 4 port	LVDS 2 port	LVDS 4 port	LVDS 4 port	LVDS 4 port	LVDS 4 port	LVDS 4 port	LVDS 4 port	LVDS 4 port
Outline Dimension (mm)	760.0x450.0	760.0x450.0	877.0x516.8	877.0x516.8	877.0x516.8	877.0x516.8	854.6x495.8	983.0x576.0	983.0x576.0	983.0x576.0	983.0x576.0	965.2x558.2	1,096.0x640.0	1075.6X620.8	1,096.0x640.0	1,096.0x640.0	1,096.0x640.0	1,286.0x745.0	1,286.0x745.0	1,247.6x718.4
Thickness_Body (mm)	48.0	48.0	55.5	55.5	55.5	55.5	19.5(Body)	51.0	51.0	51.0	51.0	19.8(Body)	51.0	20.8(Body)	51.0	51.0	48.0(Body)	60.0	60.0	49.0(Body)
MP Schedule	MP	MP	MP	MP	MP	1Q, '09	1Q, '09	MP	MP	MP	1Q, '09	1Q, '09	MP	1Q, '09	1Q, '09	MP	1Q, '09	3Q, '08	1Q, '09	1Q, '09

The LG Display World

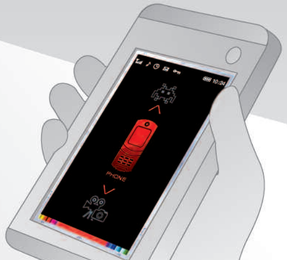
The digital display world TFT-LCD brings. LG Display goes to all the places we live.

Applications

Real life performance benefits through a variety of applications
As customers' needs grow more complex, new challenges fuel our innovations.
LG Display offers a full range of state-of-the-art displays for different applications, from car navigation system to large panels for medical displays and public displays for advertising.

VividOLED, FreeOLED, EcOLED for future display

LG Display established its OLED division in 2008, merging OLED business from LG electronics.
As for OLED, LG display will expand its full range of products from mobile to large IT and TV. LG Display has been leading the industry through developing the products such as the world's largest 20.1-inch OLED TV in 2004 and the world's first 4-inch flexible OLED in 2007.
We meet customers' needs through offering vivid, clear, free-form and evironment-friendly OLED.



Public Display

LG Display is moving beyond the existing markets for home and office displays. We are expanding the scope of our business to the public information display market with its diverse applications in the fields of data display, advertising, game consoles controller, communication, R&D and education.

AMOLED

VividOLED, FreeOLED, EcOLED for future display

Category	2.4"	3.0"
	LH240QQ2	LH300WQ1
Resolution	240 X RGB X 320	240 X RGB X400
Mode	AMOLED	AMOLED
Number of colors	262K	262K
Pixel Density (PPI)	166	155
Brightness (nit)	230	200
Contrast Ratio	>20,000:1	>10,000:1
Color Gamut(%)	85%	85%
Viewing Angle (CR>10)	All azimuth angle	All azimuth angle
Outline Dimension (mm)	41.48x59.58x1.50	44.00x74.60x1.70
Interface	CPU/RGB/SPI	CPU/RGB/SPI
MP Schedule	MP	OCT, '08

Public Display

*GTG : Gray-to-Gray
**IR : Image Retention

Category	32" Wide	42" Wide			47" Wide	
	LD320WXN	LD420WXN	LD420WUN	LD420WUB (Narrow Bezel)	LD470WUN	LD470WUB (Narrow Bezel)
Resolution	1366x768	1366x768	1920x1080	1920x1080	1920x1080	1920x1080
Definition	HD	HD	Full HD	Full HD	Full HD	Full HD
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Number of Colors	16.7M(8bit)	16.7M(8bit)	1.06 Billion(10bit D)	1.06 Billion(10bit D)	1.06 Billion(10bit D)	1.06 Billion(10bit D)
Frequency	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
Max. Brightness (nit)	500	500	500	700	500	700
Color Saturation (%)	72	72	72	72	72	72
Max. Contrast Ratio	600:1	800:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle (CR>_10)	178/178	178/178	178/178	178/178	178/178	178/178
Response Time (ms)	9 (GTG*)	9 (GTG*)	9 (GTG*)	9 (GTG*)	9 (GTG*)	9 (GTG*)
Interface	LVDS 1 port	LVDS 1 port	LVDS 2 port	LVDS 2 port	LVDS 2 port	LVDS 2 port
Outline Dimension (mm)	760.0x450.0	983.0x576.0	983.0x576.0	956.4x549.4	1,096.0x640.0	1,068.0x613.2
Bezel Width (mm)	28	22	22	10	23	11
Display Direction	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape	Portrait/Landscape
Reliability	IR** Improved	IR** Improved	IR** Improved	IR** Improved	IR** Improved	IR** Improved
MP Schedule	MP	MP	MP	MP	MP	MP

Application

*EPD: Electrophoretic Display
** Full color depth depends on application ICs and frame buffer
*** With Light Control Film
† TP: Touch Panel

Category	6.0"(EPD*)	6.4"	7.0"								8"				8.4"		10.4"		12.1"		15.0"		19.0"
	LB060S01	LB064V02	LB070WQ	LB070WQ	LB070WQ6	LB070WQ	LB070WV	LB070WV2	LB070WV3	LB070WV4	LB080WV	LB080WV	LB080WV5/	LB080WV6	LB084S01	LB084S02	LB104S01	LB104S02	LB121S03	LB121S03	LB150X02	LB150X02	LB190E01
Resolution	800x600	640x480	480x234	480x240	400x234	480x234	800x480	800x480	800x480	800x480	800x480	800x480	800x480	800x480	800x600	800x600	800x600	800x600	800x600	800x600	1024x768	1024x768	1280x1024
Number of colors	16Gray(4Bit)	262K(6bit)	Full Colors**	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	16.7M(8bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	262K(6bit)	16.7M(8bit)	16.7M(8bit)	Mono
Brightness (nit)	No BLU	250	450	500	400	450	320 (left 30˚Δ) 250 (right 30˚Δ)**	500	500 (left 30˚Δ) 400 (right 30˚Δ)***	350	500	600	400	400	600	250	250	250	400	400	300	500	1000
Contrast Ratio	8:1	400:1	500:1	400:1	500:1	500:1	500:1	400:1	700:1	400:1	400:1	400:1	400:1	400:1	600:1	500:1	400:1	400:1	500:1	500:1	800:1	800:1	900:1
Viewing Angle (CR>10)	Free	130/110	140/110	140/110	130/110	130/110	140/110	140/110	170/170	130/110	140/110	140/110	140/110	140/110	150/120	140/120	130/100	130/105	130/110	130/110	140/140	140/140	178/178
Interface	TTL	TTL	Analog	TTL	TTL	TTL	TTL	TTL	TTL	TTL	TTL	TTL	Composite (A-RGB)	Composite	LVDS	TTL	LVDS	TTL	TTL	LVDS	LVDS	LVDS	LVDS
Outline Dimension (mm)	137.9x104.1	145.5x111.5	167x93	168.8x93.5	167.5x93.2	167.0x93.0	170x109.6	168.8x93.5	170x109.6	165 x 104.6	199x121	199x121	199x121	199x121	189.5x148.6	189.8x149	224.5x172	234.5 x 178.6	280x218	276x209	326.5x253.5	326.5x253.5	396x324
Thickness (mm)	1.22	6	6.8	12.5	6.9	6.8	20	12.5	16.2	3.6	18.5	12.6	16.5	16.5	9.1	6.3	5.7	6.8	11	11	11.2	14.8	20
Mode	TN	TN	TN	TN	TN	TN	TN	TN	IPS	TN	TN	TN	TN	TN	TN	TN	TN	TN	TN	TN	TN	TN	IPS
Operation Temp. (˚C)	0~50	0~50	-30~85	-30~85	-30~85	-30~85	-30~85	-30~85	-40~95	-20~70	-30~85	-30~85	-30~85	-30~85	-10~70	-10~60	0~50	-10~60	0~70	0~70	0~50	0~50	0~50
Storage Temp. (˚C)	-25~70	-20~60	-40~85	-40~85	-40~85	-40~85	-40~85	-40~85	-40~105	-30~80	-40~85	-40~85	-40~85	-40~85	-30~80	-20~70	-20~60	-20~70	-30~80	-30~80	-20~60	-20~60	-20~60
MP Schedule	MP	MP	MP	MP	MP	Q3, '09	MP	Q2, '08	Q1, '09	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP

Mobile

* Full color depth depends on application ICs and frame buffer
† TP: Touch Panel

Category	2"	2"	2.2"	2.4"	2.6"	2.8"	3.0"			3.2"	3.5"			4.3"		5.0"
	LH200J05	LH200Q34	LH220Q31	LH240Q29	LH260Q30	LH280WQ1	LH300WQ2	LH300WV1	LH300WV2	LH320WV1	LH350Q31	LH350V01	LH350WV1	LB043WQ1	LB043WV1	LB050WQ2
Resolution	176 X 220	240 X 320	240 X 320	240 X 320	240X320	240 X 400	240X400	480 X 800	480 X 800	480 X 800	240 X 320	480 X 640	480 X 800	480 x 272	800 x 480	480 x 272
Mode	TN	AH3-IPS	AH3-IPS	AH3-IPS	TN	AH3-IPS	AH3-IPS	IPS	IPS	VA	ECB, Transflective	VA, Transflective	VA	TN	TN	TN
Number of colors	262K	262K	262K	262K	262K	262K	262K	1.6M (8bit)	1.6M (8bit)	1.6M (8bit)	262K (6bit)	262K (6bit)	1.6M (8bit)	16.7M (8bit)	16.7M (8bit)	16.7M (8bit)
Brightness (nit)	-	-	-	-	-	-	-	-	400	450	300	250	320	350(w/ TP†)	420(w/ TP†)	400(w/ TP†)
Contrast Ratio	350:1	500:1	500:1	500:1	350:1	500:1	500:1	500:1	400:1	400:1	T:200,R:5	T:300,R:10	400:1	400:1	400:1	500:1
Color Saturation(%)	60%	72%	72%	72%	60%	68%	72%	72%	70%	70%	50%	50%	60%	50%	50%	50%
Viewing Angle (CR>10)	90/50	160/160	160/160	160/160	90/50	160/160	90/50	160/160	160/160	160/160	90/90	160/160	160/160	140/120	140/110	130/110
Outline Dimension (mm)	-	-	-	-	-	-	-	-	46.92 X 78.0	47.56 X 80.6	60.7 X 84.0	64.00 X 85.00	52.96 X 90.0	105.5 X 67.2	106 X 69.8	124 X 77.2
Thickness (mm)	0.6	0.45	0.45	0.4	0.8	0.6	0.6	0.4	1.7(w/o TP)	2.0(w/o TP)	3.5(w/o TP)	3.13(w/o TP)	2.2(w/o TP)	2.97(w/oTP)	2.97(w/oTP)	3.25(w/o TP)
Interface	CPU/RGB	CPU/RGB	CPU/MIPI	CPU/RGB	CPU/RGB/MDDI	CPU/MDDI	CPU/RGB	RGB/MIPI	Digital RGB	Digital RGB	Digital RGB	Digital RGB	Digital RGB	Digital RGB	Digital RGB	Digital RGB
MP Schedule	Q4, '08	Q3, '08	MP	Q4, '08	MP	MP	MP	Q4, '08	Q2, '09	Q2, '09	MP	MP	MP	MP	MP	MP

Global Network

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