

PHILIPS

Professional Display Solutions

LED Displays



Welcome to the
**World Healthcare
Conference**

DEBATE

Driving Business Performance
Through New Technologies

Hall 3

03:30 PM

PRESENTATION

Generating Success With
Generation Y

Hall 5

04:00 PM

WORKSHOP

Innovation In Healthcare
And Life Sciences

Hall 1

04:00 PM

Restaurant ↑

Start-up Village →

**Inspirational
display solutions**

Product overview 2019 – L-Line



27BDL91xxL



44BDL81xxL

*3 year advanced exchange warranty

	27BDL9112L/00	27BDL9115L/00	27BDL9119L/00	44BDL8128L/00	44BDL8139L/00	44BDL8148L/00	
Module	Model	27BDL9112L/00	27BDL9115L/00	27BDL9119L/00	44BDL8128L/00	44BDL8139L/00	44BDL8148L/00
	LED Type	SMD 1010 Gold wire	SMD 1010 Gold wire	SMD 1515 Gold wire	SMD 2121 Gold wire	SMD 2121 Gold wire	SMD 2121 Gold wire
	Pixel constellation	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	LED Lifetime (Hrs, half brightness)	100.000	100.000	100.000	100.000	100.000	100.000
	Pixel Pitch (mm)	1.266	1.583mm	1.9mm	2.84mm	3.91mm	4.81mm
	Module Size (WxH in mm)	152*171	152*171	152*171	250*250	250*250	250*250
	Module Resolution (WxH in pixels)	120X135	96X108	80X90	88X88	64X64	52X52
Cabinet	Cabinet Size (WxHxD in mm)	608x342x55	608x342x55	608x342x55	500x1000x86	500x1000x86	500x1000x86
	Cabinet Size (inch)	27.5	27.5	27.5	44	44	44
	Cabinet Resolution (WxH in pixels)	480x270	384x216	320x180	176x352	128x256	104x208
	Receiving card brand	Nova Star	Nova Star	Nova Star	Nova Star	Nova Star	Nova Star
	Weight (KG)	7.5	7.5	7.5	15.6	15.6	15.6
	Cabinet pixels (Dot)	129.600	82.944	57.600	61.952	32.768	21.632
	Cabinet Area (m2)	0.2079	0.2079	0.2079	0.5	0.5	0.5
	Data connector	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45
	Power connector	3 core socket (C13 in, C14 out)	3 core socket (C13 in, C14 out)	3 core socket (C13 in, C14 out)	3 core socket (C13 in, C14 out)	3 core socket (C13 in, C14 out)	3 core socket (C13 in, C14 out)
	Cabinet Construction	Die-Casting Aluminum	Die-Casting Aluminum	Die-Casting Aluminum	Aluminum+Steel	Aluminum+Steel	Aluminum+Steel
Picture	Brightness (nits) before calibration	≥900	≥900	≥900	≥1000	≥1000	≥1000
	Brightness (nits) after calibration	≥800	≥800	≥800	≥800	≥800	≥800
	Color Temperature (K) default	6500±500	6500±500	6500±500	6500±500	6500±500	6500±500
	Color Temperature (K) adjust range	4000~9500 (by software)	4000~9500 (by software)	4000~9500 (by software)	4000~9500 (by software)	4000~9500 (by software)	4000~9500 (by software)
	Viewing Angle (°) H/V	160/160	160/160	160/160	140/140	140/140	140/140
	Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
	Color Uniformity	±0.005Cx,Cy	±0.005Cx,Cy	±0.005Cx,Cy	±0.005Cx,Cy	±0.005Cx,Cy	±0.005Cx,Cy
	Color coordinates	0.313, 0.325 (±0.005Cx,Cy)	0.313, 0.325 (±0.005Cx,Cy)	0.313, 0.325 (±0.005Cx,Cy)	0.313, 0.325 (±0.005Cx,Cy)	0.313, 0.325 (±0.005Cx,Cy)	0.313, 0.325 (±0.005Cx,Cy)
	Contrast Ratio	≥3000:1	≥3000:1	≥3000:1	≥3000:1	≥3000:1	≥3000:1
	Calibration (Brightness/Color)	Supported	Supported	Supported	Supported	Supported	Supported
	Bit-depth (bit)	13	14	14	12~16	12~16	12~16
	Scan rate (lines)	27	27	30	22	16	13
	Refresh rate (Hz)	1920~3840	1920~3840	1920~3840	1200~1920	1200~1920	1200~1920
	Frame Frequency (Hz)	50 & 60	50 & 60	50 & 60	50 & 60	50 & 60	50 & 60
	Power	Cabinet Max Power consumption (W)	≤160W	≤160W	≤110W	≤260W	≤240W
Cabinet Typical Power consumption (W)		≤54W	≤53W	≤36W	≤87W	≤80W	≤73W
Input Voltage	AC100~240V (50 & 60Hz)	AC100~240V (50 & 60Hz)	AC100~240V (50 & 60Hz)	AC100~240V (50 & 60Hz)	AC100~240V (50 & 60Hz)	AC100~240V (50 & 60Hz)	
Operating	Temperature range (°C)						
	Operation Temperature	-20~45	-20~45	-20~45	-20~45	-20~45	-20~45
	Storage temperature	-20~50	-20~50	-20~50	-20~50	-20~50	-20~50
	Humidity range (RH)						
	Operation Humidity	10~80%	10~80%	10~80%	10~80%	10~80%	10~80%
Storage Humidity	10~85%	10~85%	10~85%	10~85%	10~85%	10~85%	
Accessories	Power cable	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs
	LAN cable (RJ45,CAT-5)	2 pcs (1x15cm, 1x60cm)	2 pcs (1x15cm, 1x60cm)	2 pcs (1x15cm, 1x60cm)	1 pcs (130cm)	1 pcs (130cm)	1 pcs (130cm)
	Common connecting piece	2 pcs	2 pcs	2 pcs	3 pcs	3 pcs	3 pcs
	Side connecting piece	1 pcs	1 pcs	1 pcs	-	-	-
	Coner connecting piece	1 pcs	1 pcs	1 pcs	-	-	-
	Screw bolt	4 pcs (M8*20) + nut	4 pcs (M8*20) + nut	4 pcs (M8*20) + nut	4 pcs (M10*70) + nut	4 pcs (M10*70) + nut	4 pcs (M10*70) + nut
	QSG	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs
	Certification	FCC SDOC, Part 15, EMC Class B, EN55032, EN55024, EN61000-3-2 / -3-3, IEC/UL60950, IEC/UL62368, IEC62471, RoHS			FCC SDOC, Part 15, EMC Class A, EN55032, EN55024, EN61000-3-2 / -3-3, IEC/UL60950, IEC/UL62368, IEC62471, RoHS		

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