

PHILIPS

Professional
Display Solutions

Innovations on Display



Product overview 2017 H1 - USA

Professional display solutions

Corporate

Communicate with your employees, welcome visitors, or impress new clients with a large format screen.



Retail

Upgrade the customer experience and promote your brand with dynamic, eye catching displays.



Education

Improve communication with students, faculty, and visitors with everything from digital signage to interactive touchscreens.



Food & Beverage

Quickly communicate your menu or promote specials with attention grabbing digital menu boards.



Healthcare

Provide a safe and clean viewing experience for your visitors with a specialized display.



Public Venues

Maximize the viewing experience and generate revenue through advertising and promotion.



Transport

Guide travellers to their destination by using high visibility displays or interactive touch screens.



*3 year advanced exchange warranty



Q-Line

	BDL3230QL	BDL4330QL BDL4335QL	BDL4830QL BDL4835QL	BDL5530QL BDL5535QL	65BDL3000Q
Picture/Display	32"	43"	48"	55"	65"
Diagonal Size	Direct-Lit LED				
Backlight Type	Landscape (16 Hours - 50,000 MTBF), Portrait (12 Hours - 50,000 MTBF)				
Placement	1920 x 1080				
Resolution	IPS	MVA	MVA	IPS	MVA
Panel Technology	1400:1	3000:1	4000:1	1200:1	4000:1
Contrast Ratio	500,000:1	500,000:1	500,000:1	500,000:1	500,000:1
Dynamic Contrast Ratio	8 ms	6.5 ms	8 ms	9 ms	8 ms
Response Time	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree
Viewing Angles	16.7 Million	16.7 Million	1.07 Billion	16.7 Million	16.7 Million
Display Colors	350 cd/m2	350 cd/m2	350 cd/m2	350 cd/m2	350 cd/m2
Brightness	Protective Glass				
Protective Glass	Touch Technology				
Touch Technology	Touch Points				
Touch Points	50 W	87 W	115 W	141 W	176 W
Power Consumption	DVI-D, HDMI, Component, Composite, VGA (Analog D-Sub), USB				
Video Input	N/A				
Video Output	3.5 mm jack, Audio Left/Right (RCA)				
Audio Input	Audio Left/Right (RCA), 3.5mm jack				
Audio Output	2 x 10W RMS				
Internal Speaker	RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack				
External Control	RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack				
Extra Connections	Dimensions (WxHxD)				
Dimensions (WxHxD)	726.5 x 425.4 x 63.6 mm	968.2 x 559.4 x 59.9 mm	1081.8 x 623.4 x 59.9 mm	1238.6 x 711.1 x 59.9 mm	1458.7 x 834.7 x 52.20 mm
Bezel Width	(T/L/R) 11.9 mm / (B) 17.2 mm	(T/L/R) 11.9 mm / (B) 14.9 mm	(T/L/R) 11.9 mm / (B) 14.7 mm	(T/L/R) 12.6 mm / (B) 14.5 mm	(T/L/R) 13.9 / 14.9 (B) mm
Vesa Mount	100 x 100 mm, 200 x 200 mm, M4	200 x 200 mm, 400 x 400 mm, M6	200 x 200 mm, 400 x 400 mm, M6	400 x 200 mm, 400 x 400 mm, M6	400 x 400 mm, M6
Smart Insert Mount	N/A	N/A	N/A	N/A	100 x 100 mm, 100 x 200 mm
Weight (in KG)	5.20 kg	8.70 kg	11.52 kg	16 kg	24.8 kg

*3 year advanced exchange warranty



D-Line



	32BDL4050D	43BDL4050D	49BDL4050D	55BDL4050D	65BDL4050D	
Picture/Display	Diagonal Size	32"	43"	49"	55"	65"
	Backlight Type	Direct-Lit LED	Edge-lit LED			
	Placement	Portrait, Landscape (24 Hours - 50,000 MTBF)				
	Resolution	1920 x 1080				
	Panel Technology	IPS				
	Contrast Ratio	1100:1	1100:1	1100:1	1100:1	1300:1
	Dynamic Contrast Ratio	500,000:1	500,000:1	500,000:1	500,000:1	500,000:1
	Response Time	10 ms	12 ms	12 ms	12 ms	10 ms
	Viewing Angles	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree
	Display Colors	16.7 Million	16.7 Million	16.7 Million	16.7 Million	16.7 Million
	Brightness	400 cd/m2	450 cd/m2	450 cd/m2	450 cd/m2	450 cd/m2
	Protective Glass					
	Touch Technology					
	Touch Points					
Power Consumption	44 W	52 W	55 W	64 W	99 W	
Connectivity	Video Input	DisplayPort (1.2), HDMI (x2), DVI-D, VGA (Analog D-Sub), USB	DisplayPort (1.2), HDMI (x2), DVI-D, USB, VGA (via DVI)			
	Video Output	DisplayPort, DVI-I, VGA (Analog DSub)	DisplayPort, DVI-I, VGA (via DVI-D)			
	Audio Input	3.5 mm jack, Audio Left/Right (RCA)				
	Audio Output	Audio Left/Right (RCA), External speaker connector				
	Internal Speaker	2 x 10W RMS				
	External Control	RJ45, WiFi, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack				
Physical Specifications	Extra Connections	WiFi, USB/2A, Micro USB	mPCIe slot, WiFi, USB/2A, Micro USB	mPCIe slot, WiFi, USB/2A, Micro USB	mPCIe slot, WiFi, USB/2A, Micro USB	mPCIe slot, WiFi, USB/2A, Micro USB
	Dimensions (WxHxD)	724.80 x 424.30 x 56.40 mm	965.00 x 559.30 x 45.50 mm	1097.60 x 633.90 x 45.50 mm	1233.40 x 710.30 x 45.50 mm	1452.0 x 833.1 x 63.5 mm
	Bezel Width	10.6 (T/L/R), 15.6 (B) mm	9.5 (T/L/R) x 15.6 (B) mm	9.5 (T/L/R) x 15.6 (B) mm	9.5 (T/L/R) x 15.6 (B) mm	9.5 (T/L/R) x 15.6 (B) mm
	Vesa Mount	200 x 200 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6
	Smart Insert Mount	N/A	N/A	N/A	N/A	100 x 100 mm, 100 x 200 mm
	Weight (in KG)	6 kg	10.70 kg	14.7 kg	18.0 kg	29.8 kg

*3 year advanced exchange warranty

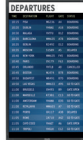


P-Line



	42BDL5055P	42BDL5057P	49BDL5055P	49BDL5057P	55BDL5055P	55BDL5057P
Picture/Display						
Diagonal Size	42"	42"	49"	49"	55"	55"
Backlight Type	E-LED					
Placement	Portrait, Landscape (24 Hours - 60,000 MTBF)					
Resolution	1920 x 1080					
Panel Technology	IPS 10 bit	IPS 10 bit	IPS 10 bit	IPS 10 bit	IPS 10 bit	IPS 10 bit
Contrast Ratio	1300:1	1300:1	1300:1	1300:1	1300:1	1300:1
Dynamic Contrast Ratio	500000:1	500000:1	500000:1	500000:1	500000:1	500000:1
Response Time	8ms	8ms	8ms	8ms	8ms	8ms
Viewing Angles	178x178	178x178	178x178	178x178	178x178	178x178
Display Colors	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Brightness	500cd/m2	700cd/m2	500cd/m2	700cd/m2	500cd/m2	700cd/m2
Protective Glass						
Touch Technology						
Touch Points						
Connectivity						
Power Consumption	71.08 W (EPA 7.0)	83.32 W (EPA 7.0)	82.08 W (EPA 7.0)	99.83 W (EPA 7.0)	90.93 W (EPA 7.0)	95.98 W (EPA 7.0)
Video Input	VGA, HDMI, DVI, DP, USB, OPS	VGA, HDMI, DVI, DP, USB, OPS	VGA, HDMI, DVI, DP, USB, OPS	VGA, HDMI, DVI, DP, USB, OPS	VGA, HDMI, DVI, DP, USB, OPS	VGA, HDMI, DVI, DP, USB, OPS
Video Output	Display Port, DVI-I, VGA					
Audio Input	3.5 mm jack, Audio Left / right (RCA)					
Audio Output	External speakers, audio left/right					
Internal Speaker	2 x 10W RMS					
External Control	IR (in/out), 3.5 mm jack, RJ45, RS232C					
Extra Connections	Micro SD, Micro USB, mPCIe, USB power outlet, AC out					
Physical Specifications						
Dimensions (WxHxD)	946.94 x 540.96 x 56.8 mm	946.94 x 540.96 x 56.8 mm	1097.28 x 632.46 x 45.72 mm	1097.28 x 632.46 x 45.72 mm	1228.6 x 693.4 x 56.8 mm	1228.6 x 693.4 x 56.8 mm
Bezel Width	5.9 mm	5.9 mm	5.9 mm	5.9 mm	5.9 mm	5.9 mm
Vesa Mount	200 x 200 mm, M6	200 x 200 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6
Smart Insert Mount	N/A	N/A	100 x 100 mm, 100 x 200 mm	N/A	100 x 100 mm, 100 x 200 mm	100 x 100 mm, 100 x 200 mm
Weight (in KG)	15.5 kg	15.5 kg	14.7 kg	14.7 kg	25.2 kg	25.2 kg

*3 year advanced exchange warranty



H-Line



U-Line

	BDL4780VH	75BDL3000U	BDL8470QU	BDL8470EU	BDL9870EU
Picture/Display					
Model	BDL4780VH	75BDL3000U	BDL8470QU	BDL8470EU	BDL9870EU
Diagonal Size	47"	75"	84"	84"	98"
Backlight Type	Direct-Lit LED	E-LED			
Placement	Portrait, Landscape (24 Hours - 60,000 MTBF)	Portrait, Landscape (24 Hours - 60,000 MTBF)		Portrait, Landscape (24 Hours - 50,000 MTBF)	
Resolution	1920 x 1080	1920 x 1080			
Panel Technology	IPS 10 bit	IPS 10 bit	IPS	IPS	IPS
Contrast Ratio	1300:1	1200:1	1400:1	1400:1	1300:1
Dynamic Contrast Ratio	500,000:1	500,000:1	500,000:1	500,000:1	500,000:1
Response Time	10 ms	8 ms	12 ms	12 ms	8 ms
Viewing Angles	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree
Display Colors	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Brightness	2,000 cd/m2	410 cd/m2	350 cd/m2	500 cd/m2	500 cd/m2
Protective Glass					
Touch Technology					
Touch Points					
Power Consumption	160 W	197 W	400 W	400 W	500 W
Connectivity					
Video Input	VGA, HDMI (2), DVI, DP, USB, BNC, HDBaseT, OPS	VGA, HDMI (3), DVI, DP, USB, HDBaseT, OPS, Component, Composite			
Video Output	VGA, DVI, DP	DisplayPort			
Audio Input	3.5-mm jack, Audio Left/Right (RCA)	3.5 mm jack, Audio Left/Right (RCA)			
Audio Output	Audio Left/Right (RCA), External speaker connector	3.5 mm jack, External speaker connector, SPDIF			
Internal Speaker	2 x 10 W	2 x 10 W (RMS)			
External Control	RJ45, RS232C (in/out) 2.5 mm, jack, IR (in/out) 3.5 mm jack	RS232C (in/out) 2.5 mm jack, RJ45, IR (in/out) 3.5 mm jack			
Extra Connections		AC out			
Physical Specifications					
Dimensions (WxHxD)	1076.20 x 620.59 x 132.10 mm	1676.60 x 955.0 x 73.80 mm	1910.0 x 1102.0 x 77.80 mm	1910.00 x 1102.00 x 77.80 mm	2193.20 x 1248.20 x 88.3 mm
Bezel Width	15.6 mm	12.50 mm	(R/L) 22.60 / (T/B) 25.60 mm	(R/L) 22.60 / (T/B) 25.60 mm	16 mm
Vesa Mount	400 x 400 mm, M6	600 x 400 mm, M8	600 x 500 mm, M8	600 x 500 mm, M8	800 x 500 mm, M8
Smart Insert Mount	100 x 100 mm, 100 x 200 mm	100 x 100 mm, 100 x 200 mm	100 x 100 mm, 100 x 200 mm	100 x 100 mm, 100 x 200 mm	100 x 100 mm, 100 x 200 mm
Weight (in KG)	24 kg	53.3 kg	70 kg	70 kg	91.4 kg

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X-Line




L-Line

	Model	BDL4777XL BDL4777XH	BDL4988XC	BDL5588XC BDL5588XH	55BDL1005X 55BDL1007X	55BDL9025L	55BDL9018L	
Picture/Display	Diagonal Size	47"	49"	55"	55"	54.2"	54.2"	
	Backlight Type	Direct-Lit LED				LED	LED	
	Placement	Portrait, Landscape (24 Hours - 60,000 MTBF)				Landscape (24 hours - 60,000 MTBF)		
	Resolution	1920 x 1080				480 x 270	640 x 360	
	Panel Technology	IPS	IPS	IPS	IPS	LED	LED	
	Contrast Ratio	1400:1	1300:1	1400:1	1400:1	5000:1	5000:1	
	Dynamic Contrast Ratio	500,000:1	500,000:1	500,000:1	500,000:1	500,000:1	500,000:1	
	Response Time	12 ms	8 ms	12 ms	12 ms	7680 Hz	7680 Hz	
	Viewing Angles	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	160 / 160 degree	160 / 160 degree	
	Display Colors	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	
Brightness	500 cd/m2 800cd/m2 (BDL4777XH)	450 cd/m2	500 cd/m2 700 cd/m2 (BDL5588XH)	500 cd/m2 700 cd/m2	800 cd/m2	800 cd/m2		
Protective Glass					N/A	N/A		
Touch Technology					N/A	N/A		
Touch Points					N/A	N/A		
Power Consumption	86 W 110 W (BDL4777XH)		110 W	110 W 175 W (BDL5588XH)	tbc	162 W (typ) 470 W (Max)	89.9 W (typ) 350 W (Max)	
Connectivity	Video Input	VGA, HDMI, DVI, DP, Component, Composite, HDBaseT, OPS	VGA, HDMI (2), DVI, DP, Component, Composite HDBaseT, USB, OPS			hdmi (2x)	hdmi (2x)	
	Video Output	VGA (via DVI), DVI, OPS/HDMI (via DVI)	VGA (via DVI), DVI, DP, OPS/HDMI (via DVI)			hdmi (2x)	hdmi (2x)	
	Audio Input	3.5 mm jack, Audio Left/Right (RCA)					N/A	N/A
	Audio Output	Audio Left/Right (RCA), External speaker connector					N/A	N/A
	Internal Speaker	2 x 10 W (RMS)					N/A	N/A
External Control	IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) D-Sub9	IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack				RJ45 / RJ25 (In/Out)	RJ45 / RJ25 (In/Out)	
Extra Connections	AC out	AC out	AC out	AC out	Power daisy chain	Power daisy chain		
Physical Specifications	Dimensions (WxHxD)	1044.9 x 590.0 x 108.8mm	1077.6 x 607.8 x 103.8mm	1213.4 x 684.2 x 103.35mm	1211.4 x 682.2 x 106.9mm	1200.0 x 675.0 x 99.0 m	1200.0 x 675.0 x 99.0mm	
	Bezel Width	3.2 + 1.7 mm	2.3 + 1.2 mm	2.3 + 1.2 mm	0.9 + 0.9 mm	No Bezel	No Bezel	
	Vesa Mount	400 x 400 mm, 400 x 200 mm, 200 x 200 mm, M6	400 x 400 mm, M6			1165 x 650, M6	1165 x 650, M6	
	Smart Insert Mount	200 x 100 mm, 100 x 100 mm, M4	N/A	N/A	N/A	N/A	N/A	
Weight (in KG)	25.5 kg	21.6 kg	29.2 kg	tbc	24.5 kg	24.5 kg		

*3 year advanced exchange warranty



T-Line

	Model	10BDL3051T 	43BDL4051T 	55BDL4051T 	65BDL3051T	75BDL3010T	BDL8470QT	
Picture/Display	Diagonal Size	10"	43"	55"	65"	75"	84"	
	Backlight Type	Edge-Lit LED	Edge-Lit LED	Edge-Lit LED	Direct-Lit LED	Edge-Lit LED	Edge-Lit LED	
	Placement	Portrait, Landscape	Portrait, Landscape (24 Hours - 50,000 MTBF)		Landscape (16 Hours - 50,000 MTBF), Portrait (12 Hours - 50,000 MTBF)			
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160 (4K)	3840 x 2160 (4K)	
	Panel Technology	VA	IPS	IPS	MVA	IPS	IPS	
	Contrast Ratio	800:1	1100:1	1100:1	4000:1	1200:1	1400:01:00	
	Dynamic Contrast Ratio	50,000:1	500,000:1	500,000:1	500,000:1	500,000:1	500,000:1	
	Response Time	30 ms	12 ms	12 ms	8 ms	8 ms	12 ms	
	Viewing Angles	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	178 / 178 degree	
	Display Colors	TBD	16.7 Million	16.7 Million	1.07 Billion	1.07 Billion	1.07 Billion	
	Brightness	300 cd/m2	450 cd/m2	450 cd/m2	350 cd/m2	410 cd/m2	350 cd/m2	
	Protective Glass	Anti-reflective Anti-glare security glass						
	Touch Technology	Pcap	IR HID	IR HID	IR HID	IR HID	IR HID	
Touch Points	5	10	10	10	10	10		
Power Consumption	6 W	59 W	76 W	176 W	200 W	400 W		
Connectivity	Video Input	N/A	DisplayPort, HDMI (x2), DVI-D, USB, VGA (via DVI)		DisplayPort (1.2), HDMI (x2), DVI-D, USB, VGA (via DVI), OPS	VGA, HDMI (3), DVI, DP, USB, HDBaseT, OPS, Component, Composite		
	Video Output	HDMI	DisplayPort, DVI-I, VGA (via DVI-D)		DisplayPort, DVI, VGA (via DVI-D)	DisplayPort		
	Audio Input	Audio Left/Right (RCA), 3.5 mm jack						
	Audio Output	Audio Left/Right (RCA), External speaker connector						
	Internal Speaker	2 x 2 W		2 x 10 W				
	External Control	RJ45, IR (in/out) 3.5 mm jack, RS232C (in/out) 2.5 mm jack						
Physical Specifications	Extra Connections	USB, Micro SD, Power over Ethernet, Camera, Micro USB	mPCIe slot, WiFi, USB/2A, Micro USB	mPCIe slot, WiFi, USB/2A, Micro USB		AC out		
	Dimensions (WxHxD)	261 x 167.2 x 29 mm	1002.6 x 590.8 x 91.4 mm	1271.0 x 741.8 x 91.4 mm	1492.40 x 867.40 x 99.80 mm	1709.70 x 988.60 x 92.50 mm	1926.0 x 1112.0 x 94.9 mm	
	Bezel Width	19.77 mm (L/R), 13.56 mm (B/T)	29.2 mm	29.2 mm	29.2 mm	29.2 mm	30.6 mm	
	Vesa Mount	75 x 75 mm, M4	400 x 400 mm, M6	400 x 400 mm, M6	400 x 400 mm, M6	600 x 400 mm, M8	600 x 500 mm, M8	
	Smart Insert Mount	N/A	N/A	N/A	100 x 100 mm, 100 x 200 mm, M6	100 x 100 mm, 100 x 200 mm, M6	100 x 100 mm, 100 x 200 mm, M6	
	Weight (in KG)	.71 kg	19.4 kg	31 kg	43.1 kg	75 kg	98.3 kg	

Signage Features

* Features may not be available on all models



Model	Q-Line	D-Line	P-Line	H-Line	U-Line	X-Line	L-Line	T-Line
CMND	✓	✓	✓	✓	✓	✓	✓	✓
Android		✓	✓					✓
Ambilight	✓							
Failover		✓	✓	✓	✓	✓		✓
Ultra-High Refresh Rate							✓	
True Black							✓	
Easy Install							✓	
Clinical D Image	✓	✓	✓	✓	✓	✓		✓
SmartPlayer	✓	✓	✓	✓	✓			✓
SmartInsert		✓	✓	✓	✓			✓
SmartPower	✓	✓	✓	✓	✓	✓	✓	✓
SmartBrowser	✓	✓	✓	✓	✓			✓
WiFi		✓	✓					✓
Memory Cache	✓	✓	✓					✓
QuadViewer					✓			✓
4G/LTE		✓	✓					

Signage Accessories



Type Number	HDBaseT OPS Receiver CRD25	MeetingBuddy CRD70	Ambient Sensor CRD41	Color Calibration Kit CCK4601	Compatible Models	Edge Finishing Kit
Compatible Models	BDL4256ET, BDL4260EL, BDL4271VL, BDL4280VL, BDL4660EL, BDL4671VL, BDL4677XH, BDL4678XL, BDL4680VL, BDL4765EL, BDL5551EL, BDL5556ET, BDL5560EL, BDL5571VL, BDL5580VL, BDL5588XH, BDL5588XL	Q-Line, D-Line, P-Line, H-Line X-Line, L-Line, U-Line, T-Line	All models except for 10BDL3051T and L-Line	All models	BDL4777XL BDL4988XL BDL5588XL(XH)	EFK4730 (Top/Bottom) EFK4760 (Left/Right) EFK4930 (Top/Bottom) EFK4960 (Left/Right) EFK5581 (Top/Bottom) EFK5583 (Left/Right)



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