

■LCD Modules

<For industrial appliances>

Display size (cm) ["]	Model No.	Dot format H × V (dot)	Pixel pitch H × V (mm)	Active area H × V (mm)	Display colors	Luminance (cd/m ²) (TYP.)	Interface	Power consumption (W) (TYP.)	Outline dimensions*1 W × H × D (mm) (TYP.)	Weight (g) (MAX.)	Remarks
8.8 [3.5]	LQ035Q3DG03	320 × RGB × 240	0.2205 × 0.2205	70.56 × 52.92	16.19 M	450	CMOS	0.8	76.9 × 63.9 × 4.7	TYP. 42	Long-life LED backlight
8.9 [3.5]	LQ035Q3DY01	240 × RGB × 320	0.2235 × 0.2235	53.64 × 71.52	260 k	600	CMOS	0.5	65.0 × 85.0 × 3.4	40	Advanced Super V, Low reflection technology
9.4 [3.7]	LS037V7DW05	480 × RGB × 640	0.117 × 0.117	56.16 × 74.88	16.77 M	250	CMOS	0.4	65.0 × 89.2 × 4.4	50	Advanced Super V, Transflective LCD, With resistive touch panel
	300					65.0 × 89.2 × 3.6			38	Advanced Super V, Transflective LCD	
11 [4.2]	LQ042T1DW01	480 × 272 × RGB	0.1935 × 0.1935	92.88 × 52.632	16.19 M	400	CMOS	2.5	109.5 × 69.0 × 9.6	85	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit
11 [4.3]	LQ043T1DG28	480 × 272 × RGB	0.198 × 0.198	95.04 × 53.856	260 k	300	CMOS	0.6	105.5 × 67.2 × 4.2	60	With resistive touch panel
	LQ043T1DG29					360			105.5 × 67.2 × 3.1	45	
	LQ043Y1DY01	480 × RGB × 800	0.117 × 0.117	56.16 × 93.6	16.77 M	315			62.46 × 105.9 × 2.1	30	Advanced Super V, Low reflection technology
14 [5.7]	LQ057Q3DC03	320 × 240 × RGB	0.36 × 0.36	115.2 × 86.4	260 k	500	CMOS	2.5	144.0 × 104.6 × 12.3	210	Long-life LED backlight, Built-in LED backlight driver circuit
16 [6.4]	LQ064V3DG06	640 × 480 × RGB	0.204 × 0.204	130.56 × 97.92	260 k	350	CMOS	3.0	161.3 × 117.0 × 12.0	TYP. 200	Long-life LED backlight, Built-in LED backlight driver circuit
18 [7.0]	LQ070Y3LW01	800 × 480 × RGB	0.1905 × 0.1905	152.4 × 91.44	16.19 M	380	LVDS	2.7	170.0 × 110.0 × 9.0	TYP. 175	Advanced Super V, Long-life LED backlight
	LQ070Y3LG01				260 k	350		1.8	164.9 × 104.0 × 3.9	140	
21 [8.4]	LQ084V1DG43	640 × RGB × 480	0.267 × 0.267	170.88 × 128.16	260 k	370	CMOS	4.7	221.0 × 152.4 × 9.3	340	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ084S3LG03	800 × RGB × 600	0.213 × 0.213	170.4 × 127.8	16.19 M	330	LVDS	4.1	199.5 × 154.0 × 11.6	320	Long-life LED backlight, Built-in LED backlight driver circuit
22 [8.5]	LQ085Y3DG18	800 × 480 × RGB	0.231 × 0.231	184.8 × 110.88	260 k	250	CMOS	4.1	222.7 × 133.6 × 10.0	TYP. 256	Built-in LED backlight driver circuit
23 [9.1]	LQ091B1LW01	822 × RGB × 260	0.267 × 0.267	219.474 × 69.42	16.77 M	380	LVDS	6.8	240.0 × 86.0 × 10.0	230	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit
26 [10.1]	LQ101K1LY05	1 280 × RGB × 800	0.1695 × 0.1695	216.96 × 135.6	16.77 M	400	LVDS	4.2	230.7 × 152.5 × 8.7	270	Advanced Super V, Low reflection technology, Long-life LED backlight, Built-in LED backlight driver circuit
	☆LQ101W3LG01	1 024 × RGB × 600	0.2175 × 0.2088	222.72 × 125.28	260 K	350		5.1	235.3 × 143.0 × 7.9	350	Long-life LED backlight, Built-in LED backlight driver circuit
26 [10.4]	LQ104V1DG81/LG81	640 × RGB × 480	0.33 × 0.33	211.2 × 158.4	260 k	450	CMOS/LVDS	5.6	246.5 × 179.3 × 12.5	TYP. 500	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ104S1DG2C	800 × RGB × 600	0.264 × 0.264			350	CMOS	4.5	246.5 × 179.3 × 11.0	550	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ104S1LG81					420	LVDS	6.1	246.5 × 179.3 × 12.5	500	Long-life LED backlight, Built-in LED backlight driver circuit

All products listed on this page are LED backlight models.

*1 Protrusions such as positioning bosses are not included.

(Note) Please note that the specifications are subject to change without prior notice for product improvement.

Notice

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc.

Except where specially indicated, models listed on this page comply with the RoHS Directive*. For details, please contact SHARP.

*RoHS Directive: Prohibits use of lead, cadmium, hexavalent chromium, mercury and specific brominated flame retardants

(PBBs and PBDEs), with certain exceptions.

Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.



■LCD Modules

<For industrial appliances> (cont'd)

Display size (cm) ["]	Model No.	Dot format H x V (dot)	Pixel pitch H x V (mm)	Active area H x V (mm)	Display colors	Luminance (cd/m ²) (TYP.)	Interface	Power consumption (W) (TYP.)	Outline dimensions*1 W x H x D (mm) (TYP.)	Weight (g) (MAX.)	Remarks
31 [12.1]	LQ121S1DG81	800 x RGB x 600	0.3075 x 0.3075	246.0 x 184.5	260 k	450	CMOS	6.2	276.0 x 209.0 x 11.0	650	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ121S1DC71										
	LQ121S1LG84				260 k	450	1 500	5.1	276.0 x 209.0 x 9.1	600	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ121S1LG86	12.9	Long-life LED backlight, Built-in LED backlight driver circuit								
	LQ121K1LG52	1 280 x RGB x 800	0.204 x 0.204	261.1 x 163.2	16.19 M	430	LVDS	6.0	278.0 x 184.0 x 8.6	550	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ121K1LG54										
	LQ121X3LG02	1 024 x RGB x 768	0.240 x 0.240	245.8 x 184.3	260 k	1 200	9.7	259.0 x 205.0 x 7.5	Long-life LED backlight		
38 [15.0]	LQ150X1LG11	1 024 x RGB x 768	0.297 x 0.297	304.1 x 228.1	16.19 M	600	LVDS	8.2	331.6 x 254.7 x 9.3	950	Long-life LED backlight, Built-in LED backlight driver circuit
	LQ150X1LG91										
	LQ150X1LG96				16.19 M	1 050	14.8	Built-in LED backlight driver circuit			
	LQ150X1LX92				16.19 M	270	10.0	326.5 x 253.5 x 9.6	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit, Haze value 3%		
	LQ150X1LX95									400	10.0
	LQ150X1LX96				500	10.0	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit, Haze value 3%				
	LQ150X1LW12				10 M	350	10.2	331.6 x 254.7 x 9.3	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit		
	LQ150X1LW94				16.19 M	330	9.8	326.5 x 253.5 x 9.6	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit		
	LQ150X1LW95				16.19 M	400	10.0	326.5 x 253.5 x 9.6	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit		
	LQ150X1LW96									500	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit
39.6 [15.6]	☆LQ156T3LW03	1 366 x RGB x 768	0.252 x 0.252	344.232 x 193.536	16.77 M	400	LVDS	16.9	363.8 x 215.9 x 10.8	950	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit

All products listed on this page are LED backlight models.

*1 Protrusions such as positioning bosses are not included.

(Note) Please note that the specifications are subject to change without prior notice for product improvement.

Notice

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc.

Except where specially indicated, models listed on this page comply with the RoHS Directive*. For details, please contact SHARP.

*RoHS Directive: Prohibits use of lead, cadmium, hexavalent chromium, mercury and specific brominated flame retardants

(PBBs and PBDEs), with certain exceptions.

Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.

■LCD Modules

<For industrial appliances> (cont'd)

Display size (cm) ["]	Model No.	Dot format H × V (dot)	Pixel pitch H × V (mm)	Active area H × V (mm)	Display colors	Luminance (cd/m ²) (TYP.)	Interface	Power consumption (W) (TYP.)	Outline dimensions*1 W × H × D (mm) (TYP.)	Weight (g) (MAX.)	Remarks			
39.6 [15.6]	LQ156M1LG21	1 920 × RGB × 1 080	0.17925 × 0.17925	344.16 × 193.59	16.19 M	300/350/400/600	2ch LVDS	13.6 (600cd/m ²)	370.0 × 217.0 × 9.3	950	Long-life LED backlight, Built-in LED backlight driver circuit, With brightness control switch			
	16.77 M				400	17.9		363.8 × 215.9 × 10.8				Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit		
46.9 [18.5]	★LQ185M3LW01	1 920 × RGB × 1 080	0.213 × 0.21300	408.96 × 230.04	16.77 M	400	2ch LVDS	(22.6)	430.4 × 254.6 × 10.8	(T.B.D)	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit			
48 [19.0]	LQ190E1LW52	1 280 × RGB × 1 024	0.294 × 0.294	376.32 × 301.056	16.77 M	350	2ch LVDS	21.7	404.2 × 330.0 × 15.0	1 850	Advanced Super V, Long-life LED backlight			
	LQ190E1LW72							19.6				396.0 × 323.6 × 11.5	1 300	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit
	LQ190E1LX75/T							19.6						
	LQ190N1LW01							20.2				Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit		
51.1 [20.1]	LQ201U1LW31	1 600 × XYZ × 1 200	0.255 × 0.255	408.0 × 306.0	256 gray scale	1 000	2ch LVDS	25.7	436.0 × 335.0 × 20.4	2 400	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit, Monochrome			
	LQ201U1LW32	1 600 × RGB × 1 200			16.77 M	330						Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit		
59 [23.1]	LQ231U1LW32	1 600 × RGB × 1 200	0.294 × 0.294	470.4 × 352.8	16.77 M	500	2ch LVDS	65.5	530.0 × 431.5 × 23.9	4 500	Advanced Super V, Long-life LED backlight, Built-in LED backlight driver circuit			

All products listed on this page are LED backlight models.

*1 Protrusions such as positioning bosses are not included.

(Note) Please note that the specifications are subject to change without prior notice for product improvement.

Notice

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc.

Except where specially indicated, models listed on this page comply with the RoHS Directive*. For details, please contact SHARP.

*RoHS Directive: Prohibits use of lead, cadmium, hexavalent chromium, mercury and specific brominated flame retardants (PBBs and PBDEs), with certain exceptions.

Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.

☆New product
★Under development



<For monitors>

Display size (cm) ["]	Model No.	Number of pixels*1	Dot format H x V (dot)	Active area H x V (mm)	Display colors	Luminance (cd/m ²) (TYP.)	Interface	Outline dimensions*2 W x H x D (mm) (TYP.)	Backlight	Remarks
80.0 [31.5]	☆LQ315D1JG93	8 294 400	3 840 x RGB x 2 160	697.92 x 392.58	1.07B 10-bit	350	V-by-One	734.8 x 430.0 x 12.0 (26.5*3)	Edge-lit LED (without driver)	Super-high resolution and High color purity (AdobeRGB100%) by using IGZO*4 LCD, Wide viewing angle: L/R 178°/ U/D 178°, Response time [G to G]: 8 ms (Typ.)

*1 Pixel means a set of each RGB dot.

*2 Excluding FPC for connection and other protruding parts.

*3 The thickness of the control board section.

*4 IGZO: an oxide semiconductor consisting of In (Indium), Ga (Gallium), and Zn (Zinc).

(Note) Please note that the specifications are subject to change without prior notice for product improvement.

<For digital signage displays>

Display size (cm) ["]	Model No.	Dot format H x V (dot)	Pixel pitch H x V (mm)	Active area H x V (mm)	Display colors	Luminance (cd/m ²) (TYP.)	Interface	Interface Outline dimensions*1 W x H x D (mm) (TYP.)	Weight (kg)	Remarks
176.56 [69.5]	☆LQ695D3LG03	1 920 x RGB x 1 080	0.802 x 0.802	1 538.88 x 865.62	1.07B 8-bit + 2-bit FRC	350	LVDS	1 559.4 x 893.0 x 27.5	26.5±1.5	Backlight type: edge-lit LED (built-in driver) SFR (60 Hz input–60 Hz output) Viewing angle (L/R / U/D): 176° / 176°
	☆LQ695D3LG06					500				
	☆LQ695D3LG07					700				
	☆LQ695D1VG03	3 840 x RGB x 2 160	0.401 x 0.401	1 538.88 x 865.62	1.07B 8-bit + 2-bit FRC	350	V-by-One	1 559.4 x 893.0 x 27.5	27.5±1.5	
	☆LQ695D1VG04					500				
	203.21 [80]	LK800D3LA28	1 920 x RGB x 1 080	0.9225 x 0.9225	1 771.20 x 996.30	1.07B 8-bit + 2-bit FRC	350	LVDS	1 820.2 x 1 045.3 x 34.4	
LK800D3LA38		500								
LK800D3LA48		700								
226.66 [90]	LQ900D3LA01	1 920 x RGB x 1 080	1.038 x 1.038	1 992.96 x 1 121.04	1.07B 8-bit + 2-bit FRC	350	LVDS	2 032.0 x 1 168.0 x 80.0	46.5±1.0	Backlight type: direct-lit LED (built-in driver) DFR (120 Hz input–120 Hz output) Viewing angle (L/R / U/D): 176° / 176°
	★LQ900D3LA03					500				

*1 Excluding FPC for connection and other protruding parts.

Notice

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc.

Except where specially indicated, models listed on this page comply with the RoHS Directive*. For details, please contact SHARP.

*RoHS Directive: Prohibits use of lead, cadmium, hexavalent chromium, mercury and specific brominated flame retardants (PBBs and PBDEs), with certain exceptions.

Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.

<For wearable & mobile terminal device (low power consumption LCD)>

Display size (cm) ["]	Model No.	Dot format H × V (dot)	Pixel pitch H × V (mm)	Active area H × V (mm)	Display colors	Luminance (cd/m ²) (TYP.)	Interface	Power consumption ^{*1} (μW) (TYP.)	Outline dimensions ^{*2} W × H × D (mm) (TYP.)	Weight (g) (MAX.)	Remarks
2.4 [0.96]	★LS010B7DH05	192 × 192	0.127 × 0.127	ø24.384	B/W	No B/L	Serial	40	29.7 × 30.5 × 1.645 (Octagonal)	3.0	
2.5 [0.99]	LS010B7DH01	128 × 128	0.1955 × 0.1955	ø25.024	B/W	No B/L	Serial	45	33.0 × 33.4 × 1.64 (Octagonal)	4.0	
3 [1.17]	LS012B4DG01	184 × 38	0.158 × 0.158	29.072 × 6.004	B/W	No B/L	Serial	45	35.1 × 11.0 × 0.676	0.7	
3.05 [1.2]	LS012B7DH02	240 × 240	0.127 × 0.127	ø30.48	B/W	No B/L	Serial	50	35.78 × 36.53 × 1.605 (Octagonal)	4.4	
3.2 [1.26]	LS013B7DH05	144 × 168	0.145 × 0.145	20.88 × 24.36	B/W	No B/L	Serial	35	24.68 × 30.00 × 0.745	1.1	
3.3 [1.28]	LS013B7DH03	128 × 128	0.180 × 0.180	23.04 × 23.04	B/W	No B/L	Serial	50	26.6 × 30.3 × 0.741	1.3	
3.4 [1.33]	LS013B7DH06	128 × RGB × 128	0.186 × 0.186	23.808 × 23.808	8 colors	No B/L	Serial	60	26.82 × 31.3 × 0.745	1.5	
6.9 [2.7]	LS027B7DH01	400 × 240	0.1470 × 0.1470	58.8 × 35.28	B/W	No B/L	Serial	175	62.8 × 42.82 × 1.64	10.6	
11.2 [4.4]	LS044Q7DH01	320 × 240	0.280 × 0.280	89.6 × 67.2	B/W	No B/L	Serial	600	94.8 × 75.2 × 1.64	29.3	

*1 Data update mode (Display pattern: Vertical stripe display)

*2 Protrusion such as positioning bosses are not included.

(Note) Please note that the specifications are subject to change without prior notice for product improvement.

Notice

In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc.

Except where specially indicated, models listed on this page comply with the RoHS Directive*. For details, please contact SHARP.

*RoHS Directive: Prohibits use of lead, cadmium, hexavalent chromium, mercury and specific brominated flame retardants (PBBs and PBDEs), with certain exceptions.

Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.