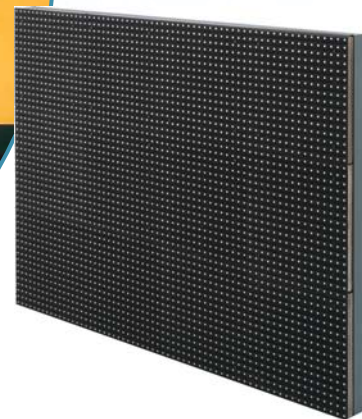










P10

super quiet LED panels

10mm Fixed Install model



-  shopping malls
-  exhibition centres
-  conference centres
-  arenas
-  airports
-  ferry ports
-  theme parks
-  TV studios

Stunning colour, vibrant images, 14 bit processing and superb M4 uniformity – the P10 LED panel is the ideal display choice for fixed installations.

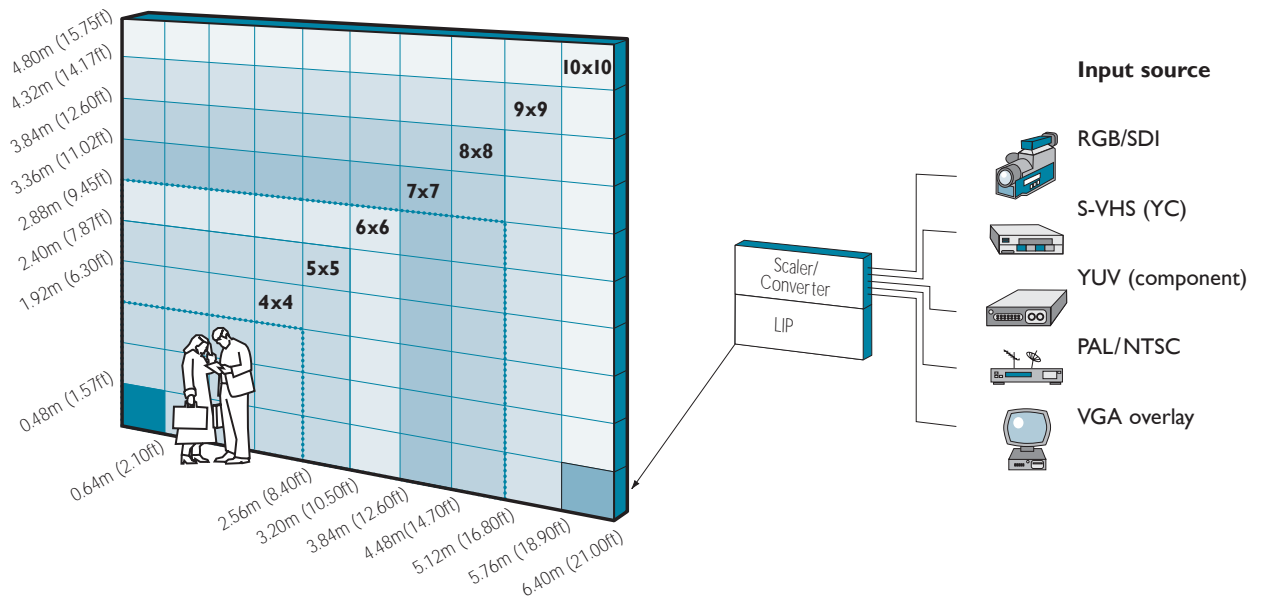
The fanless design gives an extremely quiet screen that have been created for situations where noise levels need to be kept to an absolute minimum.

Slim, lightweight panels make installation simple. Furthermore, the P10 is an affordable option, more economical on power than conventional, displays providing lower maintenance and longer life.

[create impact](#)

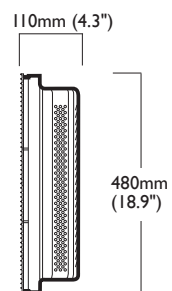
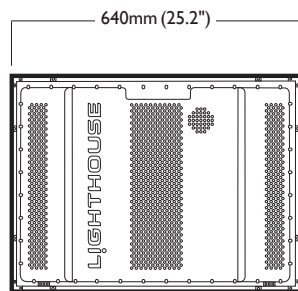
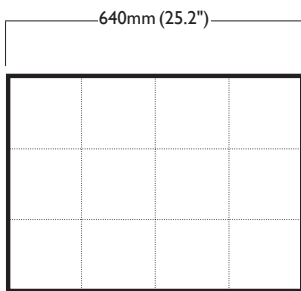
PI0 super quiet LED panel

configurations



quick reference guide

PI0



brightness	2000 nits	data refresh rate (typical)	100 kHz
viewing angle horizontal	140° (50% brightness)	video frame rate	50/60 frames per second
viewing angle vertical	140° (50% brightness)	display input	RGB HV, YUV, YC, SDI Composite (HD-SDI optional)
pixel pitch	10mm	lifetime (50% brightness)	>50,000 hours
pixel density	10,000 per m ²	diagonal	800mm (31.5")
pixel configuration	SMD I, I, I	operating temperature	0 to 35°C
colours	4.4 trillions	power consumption (typical)*	100 watts
processing depth	14 bit		

Standard 4:3 aspect ratio (16:9 aspect also possible)							Panel	Average power consumption* Europe (240 volts) US (110 volts)		
PI0 panel	Panel total	Size (m ²)	Size (ft ²)	Dimensions w x h (m) w x h (ft)		Pixel resolution w x h	Total weight kg (lb)	Total (watts)	I Phase (amps)	I Phase (amps)
1	1	0.31	3.31	0.64 x 0.48	2.10 x 1.57	64 x 48	9.6 (21.1)	100	0.4	0.9
4 x 4	16	4.92	52.91	2.56 x 1.92	8.40 x 6.30	256 x 192	153.6 (337.9)	1600	6.7	14.60
5 x 5	25	7.68	82.67	3.20 x 2.40	10.50 x 7.87	320 x 240	240 (528)	2500	10.4	22.7
6 x 6	36	11.06	119.04	3.84 x 2.88	12.60 x 9.45	384 x 288	345.6 (760.3)	3600	15	32.7
7 x 7	49	15.05	162.03	4.48 x 3.36	14.70 x 11.02	448 x 336	470.4 (1034.9)	4900	20.4	44.5
8 x 8	64	19.66	211.63	5.12 x 3.84	16.80 x 12.60	512 x 384	614.4 (1351.7)	6400	26.7	58.2
9 x 9	81	24.88	267.84	5.76 x 4.32	18.90 x 14.17	576 x 432	777.6 (1710.7)	8100	33.8	73.6
10 x 10	100	30.72	330.67	6.40 x 4.80	21.00 x 15.75	640 x 480	960 (2112)	10000	41.7	90.9

*Based on typical power consumption being 40% of maximum.
Alternative processing systems are available for larger screen sizes.
Lighthouse reserves the right to change any specifications without notice.