

P6

# indoor LED panels

6mm Fixed Install model



TV studios



exhibitions



conferences



airports



shopping malls



arenas



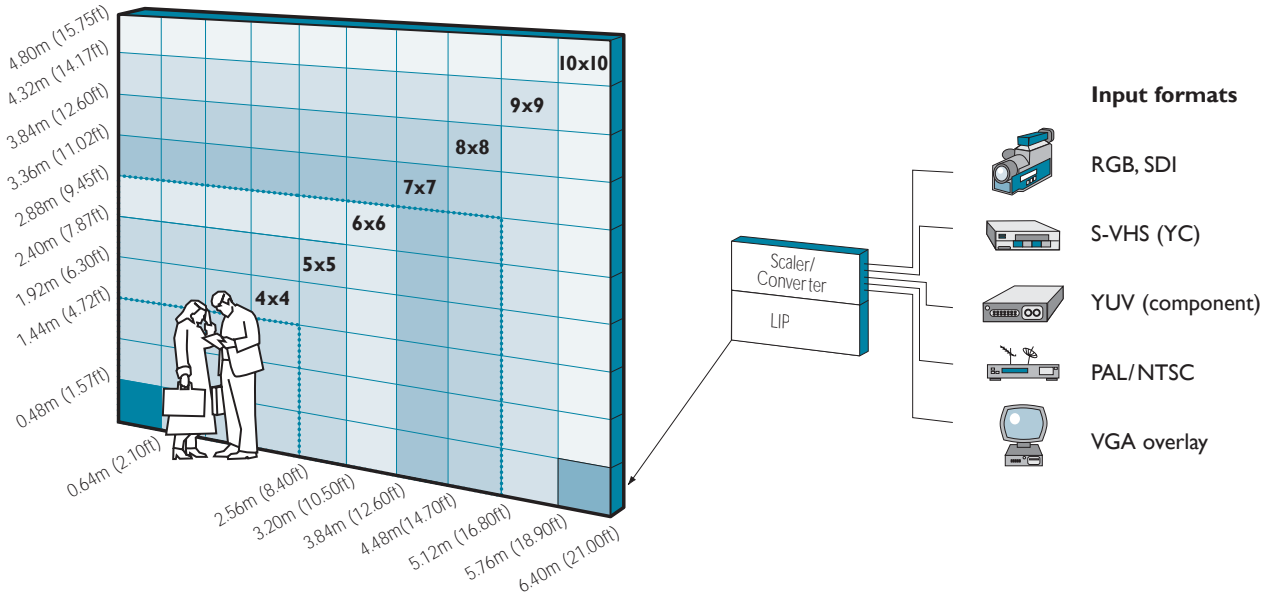
advertising

The ultra high resolution P6, with its fine 6mm pixel pitch, high brightness, 14 bit technology and M4 uniformity control, displays stunning images. Packaged in sleek, lightweight casing the P6 is the ideal display for the fixed applications that require spectacular close viewing capabilities.

create !mpact

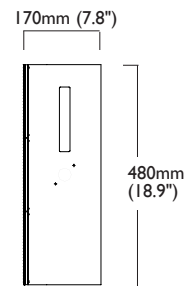
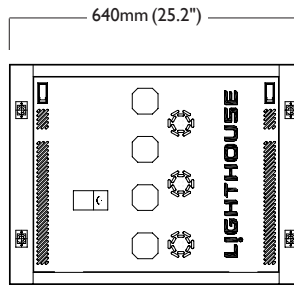
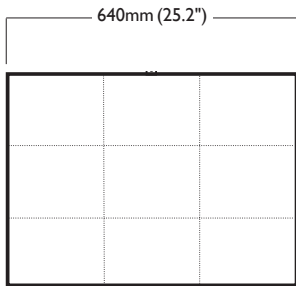
# P6 indoor LED panel

## configurations



## quick reference guide

P6



<b>brightness</b>	3000 nits	<b>data refresh rate (typical)</b>	100 kHz
<b>viewing angle horizontal</b>	140° (50% brightness)	<b>video frame rate</b>	50/60 frames per second
<b>viewing angle vertical</b>	105° (50% brightness)	<b>display input</b>	RGB HV, YUV, YC, SDI Composite (HD-SDI optional)
<b>pixel pitch</b>	6.67mm	<b>lifetime (50% brightness)</b>	>50,000 hours
<b>pixel density</b>	22,500 per m <sup>2</sup>	<b>panel diagonal</b>	800mm (31.5")
<b>pixel configuration</b>	SMD I, I, I	<b>operating temperature</b>	0 to 35°C
<b>colours</b>	4.4 trillion	<b>power consumption (typical)*</b>	210 watts
<b>digital processing</b>	14 bit		

Standard 4:3 aspect ratio (16:9 aspect also possible)

P6 panel	Panel total	Size (m <sup>2</sup> )	Size (ft <sup>2</sup> )	Dimensions		Pixel resolution w x h	Panel Total weight kg (lb)	Average power consumption*		
				w x h (m)	w x h (ft)			Total (watts)	I Phase (amps) Europe (240 volts)	I Phase (amps) US (110 volts)
I	I	0.31	3.31	0.64 x 0.48	2.10 x 1.57	96 x 72	19 (41.8)	210	0.9	1.9
4 x 4	16	4.92	52.91	2.56 x 1.92	8.40 x 6.30	384 x 288	304 (669)	3360	14.0	30.5
5 x 5	25	7.68	82.67	3.20 x 2.40	10.50 x 7.87	480 x 360	475 (1045)	5250	21.9	47.7
6 x 6	36	11.06	119.04	3.84 x 2.88	12.60 x 9.45	576 x 432	684 (1505)	7560	31.5	68.7
7 x 7	49	15.05	162.03	4.48 x 3.36	14.70 x 11.02	672 x 504	931 (2048)	10290	42.9	93.5
8 x 8	64	19.66	211.63	5.12 x 3.84	16.80 x 12.60	768 x 576	1216 (2675)	13440	56.0	122.2
9 x 9	81	24.88	267.84	5.76 x 4.32	18.90 x 14.17	864 x 648	1539 (3386)	17010	70.9	154.6
10 x 10	100	30.72	330.67	6.40 x 4.80	21.00 x 15.75	960 x 720	1900 (4180)	21000	87.5	191.0

\*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.