

LVPI6

# outdoor LED panels

LVPI650 model



arenas



shopping malls



airports



ferry ports



theme parks



advertising



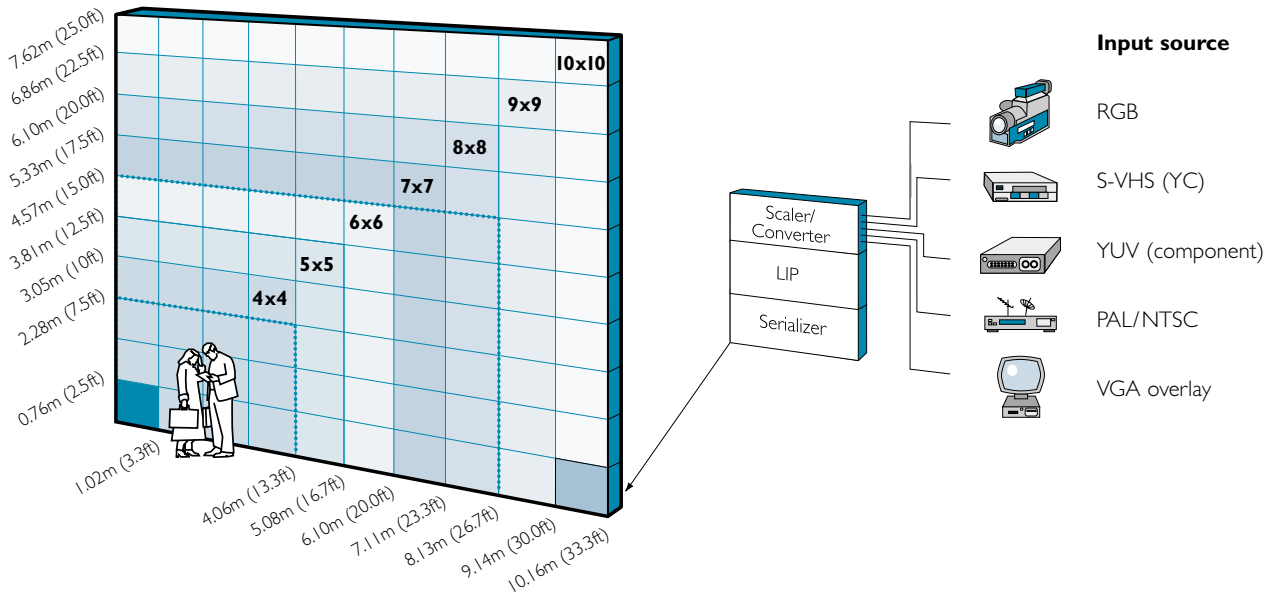
stadiums

The LVPI650 is the latest in a line of Lighthouse outdoor products. With its 16mm pixel pitch, excellent colour reproduction, 13 bit technology and M4 uniformity control, the LVPI650 is ideal for high quality small to large sized outdoor installations.

create impact

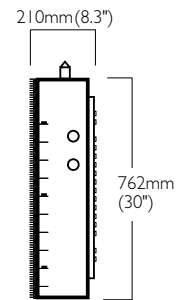
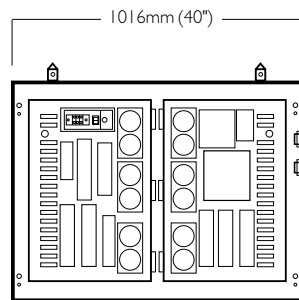
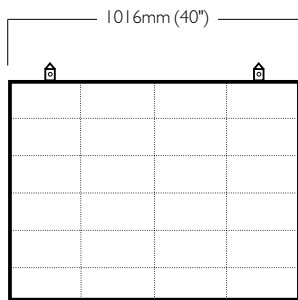
# LVPI650 outdoor LED panels

## configurations



## quick reference guide

### LVPI650



<b>brightness</b>	5000 nits	<b>video display refresh</b>	60 frames per second
<b>viewing angle horizontal</b>	120° (50% brightness)	<b>display refresh rate</b>	1000Hz typical
<b>viewing angle vertical</b>	60° (50% brightness)	<b>video input</b>	RGB HV, YUV, YC, Composite (HDTV optional)
<b>pixel pitch</b>	15.875mm	<b>lifetime (50% brightness)</b>	>50,000 hours
<b>pixel density</b>	3969 per m <sup>2</sup>	<b>diagonal</b>	1269mm (50")
<b>pixel configuration</b>	RGB 1, 1, 1	<b>operating temperature</b>	-20 to 45°C
<b>colours</b>	16.7 million	<b>power consumption</b>	444 (40% of max.)
<b>processing depth</b>	13 bit		

Standard 4:3 aspect ratio (16:9 aspect also possible)						Panel		Average power consumption* Europe (240 volts) US (110 volts)		
LVPI650 panel	Panel total	Size (m <sup>2</sup> )	Size (ft <sup>2</sup> )	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	0.77	8.33	1.02 x 0.76	3.3 x 2.5	64 x 48	54 (119)	444	1.9	4.0
4 x 4	16	12.4	133.3	4.06 x 3.05	13.3 x 10.0	256 x 192	864 (1901)	7104	29.6	64.6
5 x 5	25	19.4	208.2	5.08 x 3.81	16.7 x 12.5	320 x 240	1350 (2970)	11100	46.3	100.9
6 x 6	36	27.9	299.9	6.10 x 4.57	20.0 x 15.0	384 x 288	1944 (4277)	15984	66.6	145.3
7 x 7	49	37.9	408.1	7.11 x 5.33	23.3 x 17.5	448 x 336	2646 (5821)	21756	90.7	197.8
8 x 8	64	49.6	533.0	8.13 x 6.10	26.7 x 20.0	512 x 384	3456 (7603)	28416	118.4	258.3
9 x 9	81	62.7	674.7	9.14 x 6.86	30.0 x 22.5	576 x 432	4374 (9623)	35964	149.9	326.9
10 x 10	100	77.4	832.9	10.16 x 7.62	33.3 x 25.0	640 x 480	5400 (11880)	44400	185.0	403.6

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