

PI6! / o

indoor/outdoor LED panels

16mm Fixed Install model



arenas



shopping malls



airports



ferry ports



theme parks



advertising



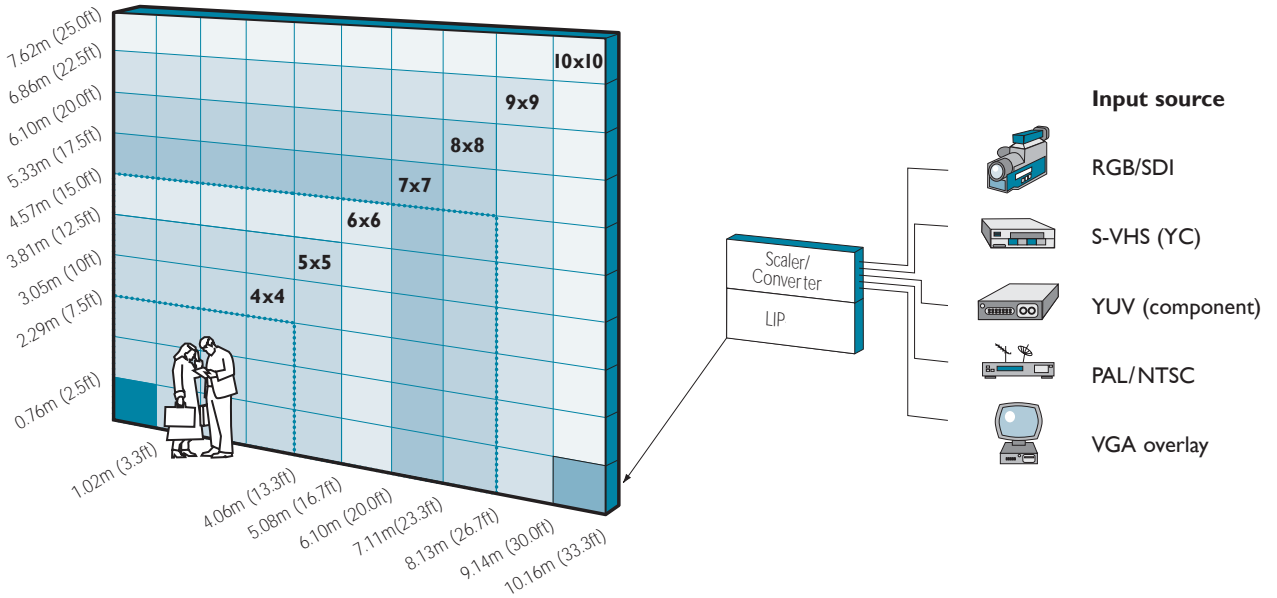
stadiums

PI6 ! / o is the ideal LED product for high quality small to large sized outdoor applications. Thanks to its 16mm pixel pitch, excellent colour reproduction, 14 bit technology and M4 uniformity control, the PI6 ! / o displays stunning images. This is ideally suited to indoor/outdoor digital signage, where high impact is needed.

create impact

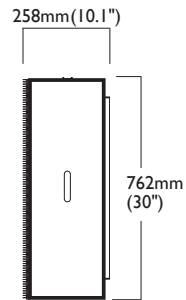
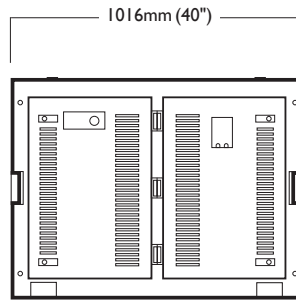
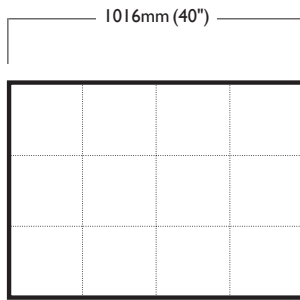
PI6 i/o indoor/outdoor LED panel

configurations



quick reference guide

PI6 i/o



brightness	5000 nits	data refresh rate (typical)	100 kHz
viewing angle horizontal	140° (50% brightness)	video frame rate	50/60 frames per second
viewing angle vertical	60° (50% brightness)	display input	RGB HV, YUV, YC, SDI Composite (HD-SDI optional)
pixel pitch	15.875mm	lifetime (50% brightness)	>50,000 hours
pixel density	3969 per m ²	diagonal	1269mm (50")
pixel configuration	RGB I, I, I	operating temperature	-20 to 40°C
colours	4.4 trillion	power consumption (typical)*	280 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)			
PI6 i/o 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	0.77	8.33	1.02 x 0.76	3.3 x 2.5	64 x 48	54(119)	280	1.2	2.5
4 x 4	16	12.4	133.33	4.06 x 3.05	13.3 x 10.0	256 x 192	864(1901)	4480	18.7	40.7
5 x 5	25	19.4	208.33	5.08 x 3.81	16.7 x 12.5	320 x 240	1350(2970)	7000	29.2	63.6
6 x 6	36	27.9	300.00	6.10 x 4.57	20.0 x 15.0	384 x 288	1944(4277)	10080	42.0	91.6
7 x 7	49	37.9	408.33	7.11 x 5.33	23.3 x 17.5	448 x 336	2626(5777)	13720	57.2	124.7
8 x 8	64	49.6	533.33	8.13 x 6.10	26.7 x 20.0	512 x 384	3456(7603)	17920	74.7	162.9
9 x 9	81	62.7	675.00	9.14 x 6.86	30.0 x 22.5	576 x 432	4374(9623)	22680	94.5	206.2
10 x 10	100	77.4	833.33	10.16 x 7.62	33.3 x 25.0	640 x 480	5400(11880)	28000	116.7	254.5

*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.