

P30-II

outdoor LED panels

30mm Fixed Install model



stadiums



billboards



digital signage

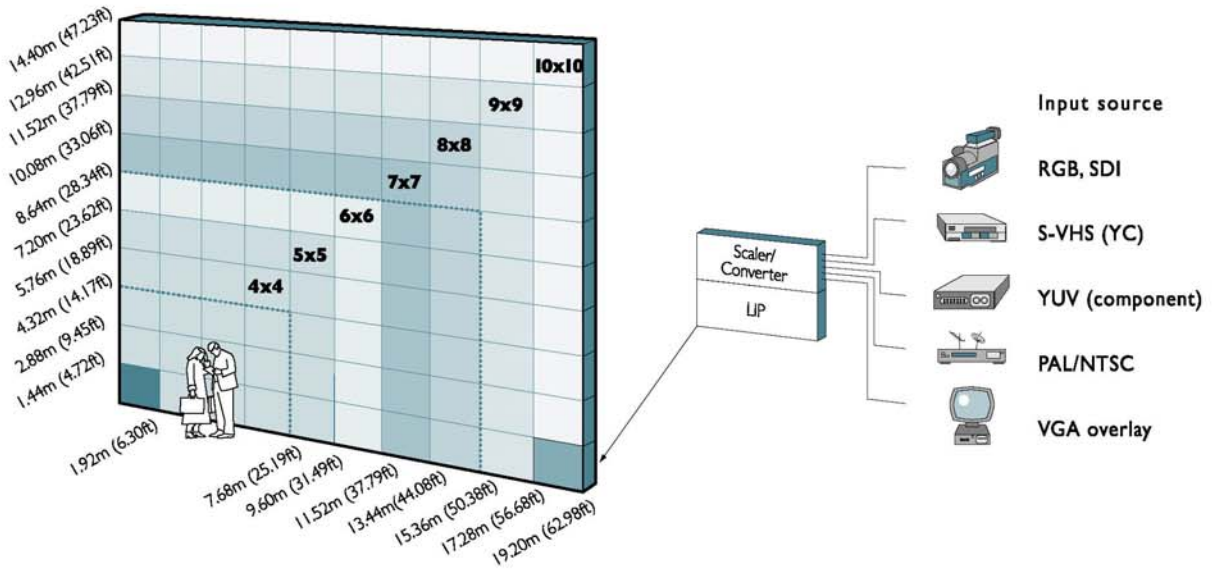
The P30-II is developed using Lighthouse's award winning M4 colour and brightness uniformity platform. The P30-II is ideal for medium and large screens with long viewing distances over 30 metres.

Adopting the latest generation LED and electronic components in its design, the 30mm screen is particularly suited for billboard advertising and sports display applications to produce images in true-to-life details.

create impact

P30-II outdoor LED panel

configurations



quick reference guide

P30-II										
brightness	5000 nits		video frame rate	50/60 Hz						
viewing angle horizontal	140° (50% brightness)		display input (via Scaler & LIP)	RGB HV, YUV, YC, SDI, Composite, VGA overlay (HD-SDI Optional)						
viewing angle vertical	38° (50% brightness)		lifetime (50% brightness)	>50,000 hours						
pixel pitch	30mm		diagonal	2400mm (94.5")						
pixel density	1,111 per m ²		operating temperature	-20 to 40 °C						
pixel configuration	RGB 2,2,1		power consumption (typical)*	440 watts						
colours	4.4 trillion									
processing depth	14 bit									
data refresh rate (typical)	100,000Hz									
Standard 4:3 Aspect Ratio (16:9 aspect also possible)										
P30-II panel	panel total	Size (m ²)	Size (ft ²)	Dimensions w x h (m)		Pixel resolution w x h	Panel	Average power consumption*		
				w x h (m)	w x h (ft)			Total (watts)	I Phase (amps)	I Phase (amps)
1 x 1	1	2.76	29.74	1.92 x 1.44	6.30 x 4.72	64 x 48	183 (402)	440	1.8	4
2 x 2	4	11.06	118.98	3.84 x 2.88	12.60 x 9.45	128 x 96	732 (1610)	1760	7.3	16
3 x 3	9	24.88	267.70	5.76 x 4.32	18.89 x 14.17	192 x 144	1647 (3623)	3960	16.5	36
4 x 4	16	44.24	475.92	7.68 x 5.76	25.19 x 18.89	256 x 192	2928 (6441)	7040	29.3	64
5 x 5	25	69.12	743.62	9.60 x 7.20	31.49 x 23.62	320 x 240	4575 (10065)	11000	45.8	100
6 x 6	36	99.53	1070.81	11.52 x 8.64	37.79 x 28.34	384 x 288	6588 (14493)	15840	66.0	144
7 x 7	49	135.48	1457.50	13.44 x 10.08	44.08 x 33.06	448 x 336	8967 (19727)	21560	89.8	196
8 x 8	64	176.95	1903.67	15.36 x 11.52	50.38 x 37.79	512 x 384	11712 (25766)	28160	117.3	256
9 x 9	81	223.95	2409.33	17.28 x 12.96	56.68 x 42.51	576 x 432	14823 (32610)	35640	148.5	324
10 x 10	100	276.48	2974.48	19.20 x 14.40	62.98 x 47.23	640 x 480	18300 (40260)	44000	183.3	400

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