

P19

outdoor LED panels

19mm Fixed Install model



stadiums



digital signage



billboards

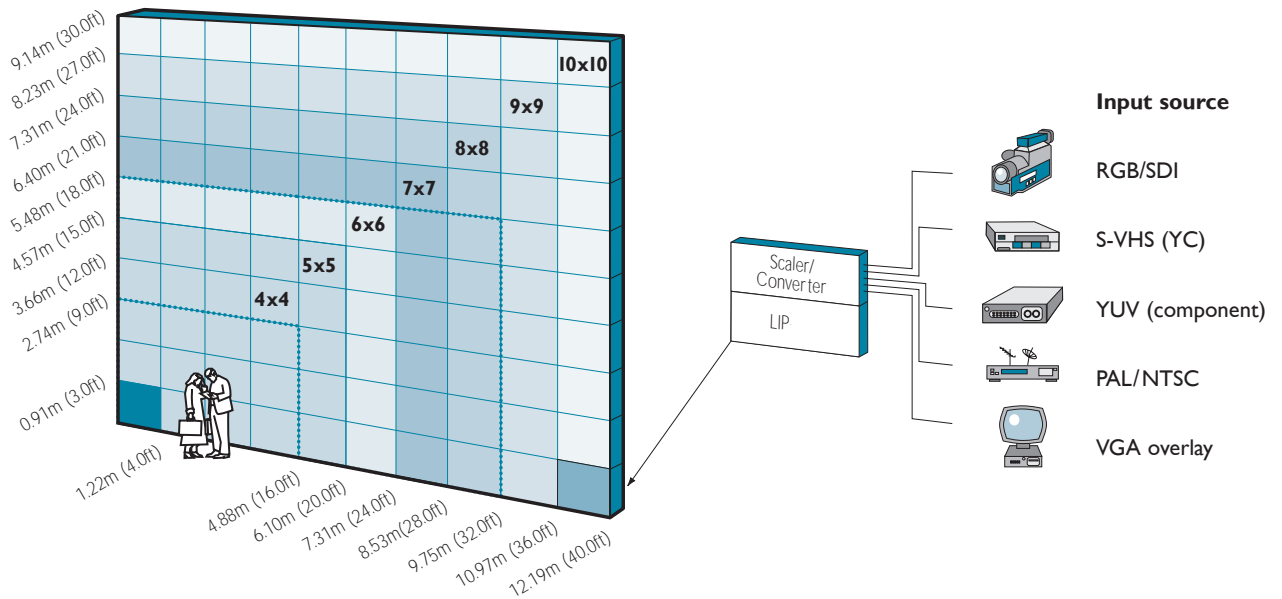
Originally giant video screens were only associated with major sports venues. Today the Lighthouse P19 is an attractive option for any application, from cost conscious sports stadiums to billboard or financial applications.

The P19 is a highly competitive priced product within its market, it is both simple to install and cost effective to operate.

[create impact](#)

P19 outdoor LED panel

configurations



quick reference guide

P19

brightness 5000 nits
viewing angle horizontal 140° (50% brightness)
viewing angle vertical 50° (50% brightness)
pixel pitch 19.05mm
pixel density 2757 per m²
pixel configuration RGB 1, 1, 1
colours 4.4 trillion
processing depth 14 bit

data refresh rate (typical) 100 kHz
video frame rate 50/60 frames per second
data input RGB HV, YUV, YC, SDI
 Composite (HD-SDI optional)
lifetime (50% brightness) >50,000 hours
diagonal 1524mm(60")
operating temperature -20 to 40°C
power consumption (typical)* 300 watts

Standard 4:3 aspect ratio (16:9 aspect also possible)							Panel		Average power consumption [†]	
P19 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	1.11	11.99	1.22 x 0.91	4.0 x 3.0	64 x 48	78 (172)	300	1.3	2.7
4 x 4	16	17.83	191.88	4.88 x 3.66	16.0 x 12.0	256 x 192	1248 (2746)	4800	20.0	43.6
5 x 5	25	27.85	299.82	6.10 x 4.57	20.0 x 15.0	320 x 240	1950(4290)	7500	31.3	68.2
6 x 6	36	40.11	431.74	7.31 x 5.48	24.0 x 18.0	384 x 288	2808 (6178)	10800	45.0	98.2
7 x 7	49	54.59	587.65	8.53 x 6.40	28.0 x 21.0	448 x 336	3822 (8408)	14700	61.3	133.6
8 x 8	64	71.31	767.54	9.75 x 7.31	32.0 x 24.0	512 x 384	4992(10982)	19200	80.0	174.6
9 x 9	81	90.25	971.42	10.97 x 8.23	36.0 x 27.0	576 x 432	6318 (13900)	24300	101.3	220.9
10 x 10	100	111.42	1199.28	12.19 x 9.14	40.0 x 30.0	640 x 480	7800(17160)	30000	125.0	272.7

* 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.