

R19

outdoor LED panels

19mm Rental model



rental



concerts



sports events

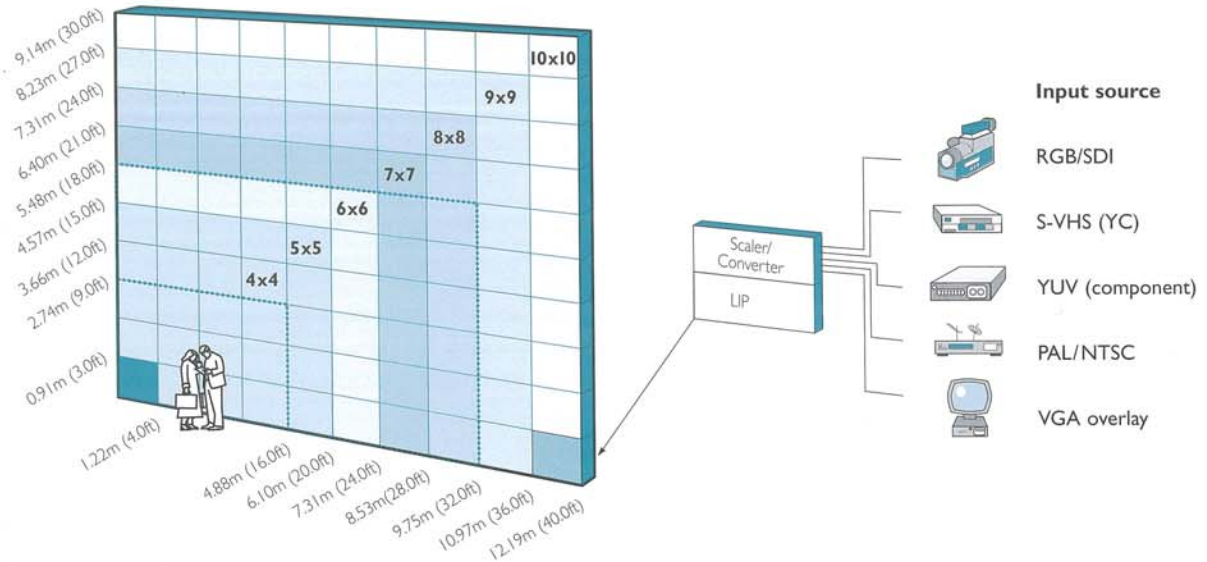
The premium outdoor rental panel offering high brightness and versatility. Today the Lighthouse R19 is an attractive option for any event, from the biggest outdoor events, to indoor rock concerts around the world.

The Lighthouse R19 – a video screen for all venues.

create impact

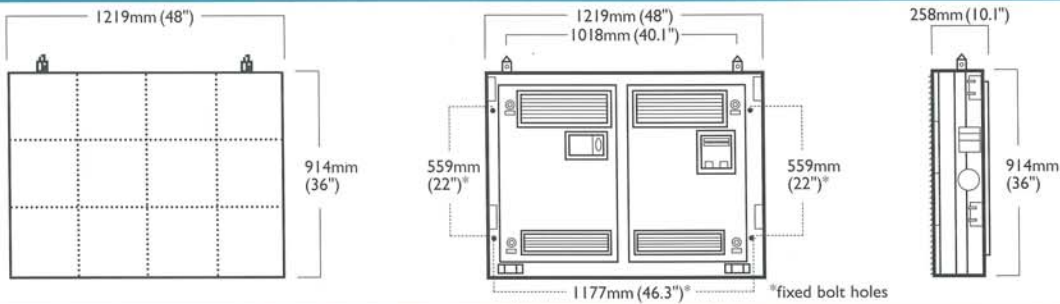
R19 outdoor LED panel

configurations



quick reference guide

R19



| | | | |
|---------------------------------|-------------------------|--|---|
| brightness | 5000 nits | data refresh rate (typical) | 100,000 Hz |
| viewing angle horizontal | 140° (50% brightness) | video frame rate | 50/60 Hz |
| viewing angle vertical | 50° (50% brightness) | data input (via Scaler & LIP) | RGB HV, YUV, YC, SDI Composite (HD-SDI optional) |
| pixel pitch | 19.05mm | lifetime (50% brightness) | >50,000 hours |
| pixel density | 2757 per m ² | diagonal | 1524mm (60\") |
| pixel configuration | RGB 1, 1, 1 | operating temperature | -20 to 40°C |
| colours | 4.4 trillion | power consumption (typical)* | 300 watts |
| processing depth | 14 bit | | |

| Standard 4:3 aspect ratio (16:9 aspect also possible) | | | | | | | Panel | | Average power consumption [†] | | |
|---|-------------|------------------------|-------------------------|---------------------------------|-------------|------------------------|-----------------------------------|---------------|--|----------------|--|
| R19 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) | US (110 volts) | |
| 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 | |
| 10x10 | 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.