

R16₁/o

indoor/outdoor LED panels

16mm Rental model



rental

concerts

sports events

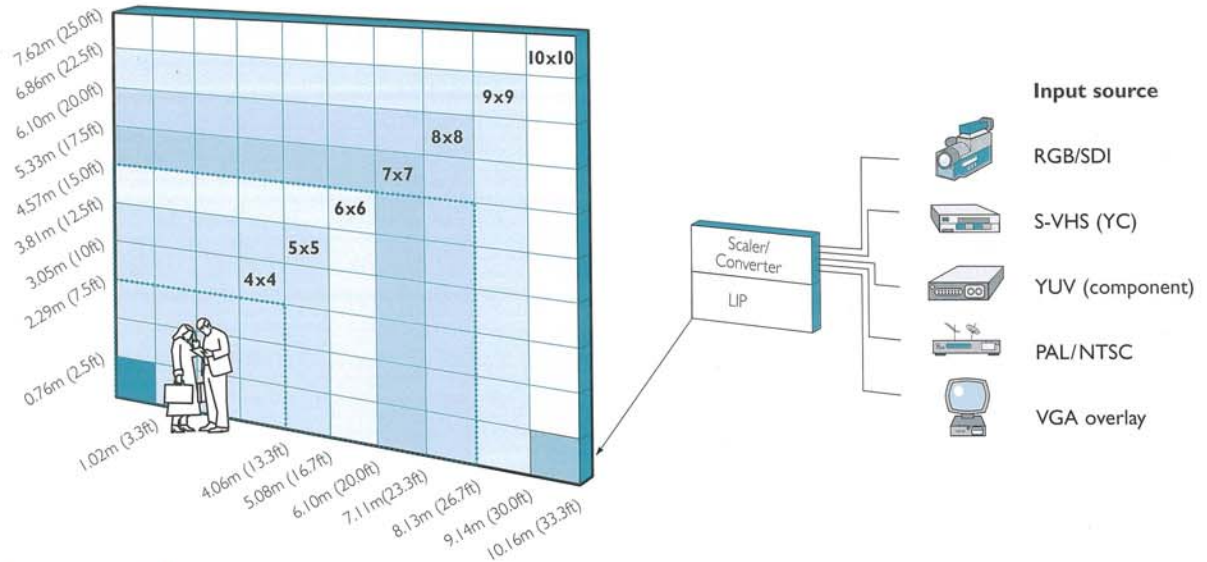
exhibitions

R16₁/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 R16₁/o displays stunning images. Available in sleek, lightweight panels, the R16₁/o is the ideal display choice for any application.

create impact

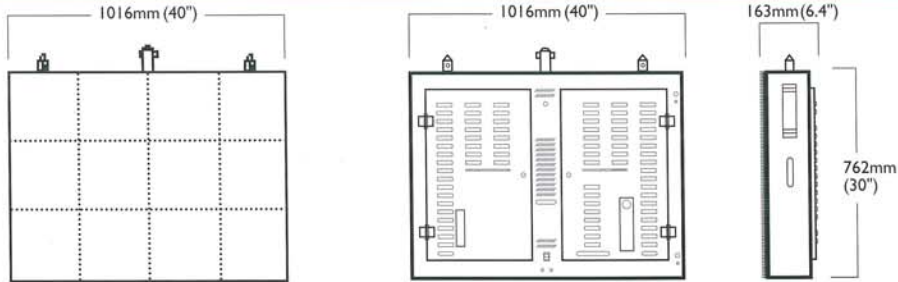
R16_{l/o} indoor/outdoor LED panel

configurations



quick reference guide

R16_{l/o}



brightness 5000 nits
viewing angle horizontal 140° (50% brightness)
viewing angle vertical 60° (50% brightness)
pixel pitch 15.875mm
pixel density 3969 per m²
pixel configuration RGB 1, 1, 1
colours 4.4 trillion
processing depth 14 bit

data refresh rate (typical) 100,000 Hz
video frame rate 50/60 Hz
display input (via Scaler & LIP) RGB HV, YUV, YC, SDI
 Composite (HD-SDI optional)
lifetime (50% brightness) >50,000 hours
diagonal 1269mm (50")
operating temperature -20 to 40°C
power consumption (typical)* 280 watts

Standard 4:3 aspect ratio (16:9 aspect also possible)							Average power consumption*			
R16 _{l/o} panel	Panel total	Size (m ²)	Size (ft ²)	Dimensions w x h (m) w x h (ft)		Pixel resolution w x h	panel Total weight (kg (lb))	Total (watts)	Europe (240 volts) I Phase (amps)	US (110 volts) I Phase (amps)
1	1	0.77	8.33	1.02 x 0.76	3.3 x 2.5	64 x 48	50 (110)	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	800 (1760)	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	1250 (2750)	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	1800 (3960)	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	2450 (5390)	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	3200 (7040)	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	4050 (8910)	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	5000 (11000)	28000	116.7	254.5

* 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.