

R16! / o

indoor/outdoor LED panels

16mm Rental model



rental



concerts



sports events



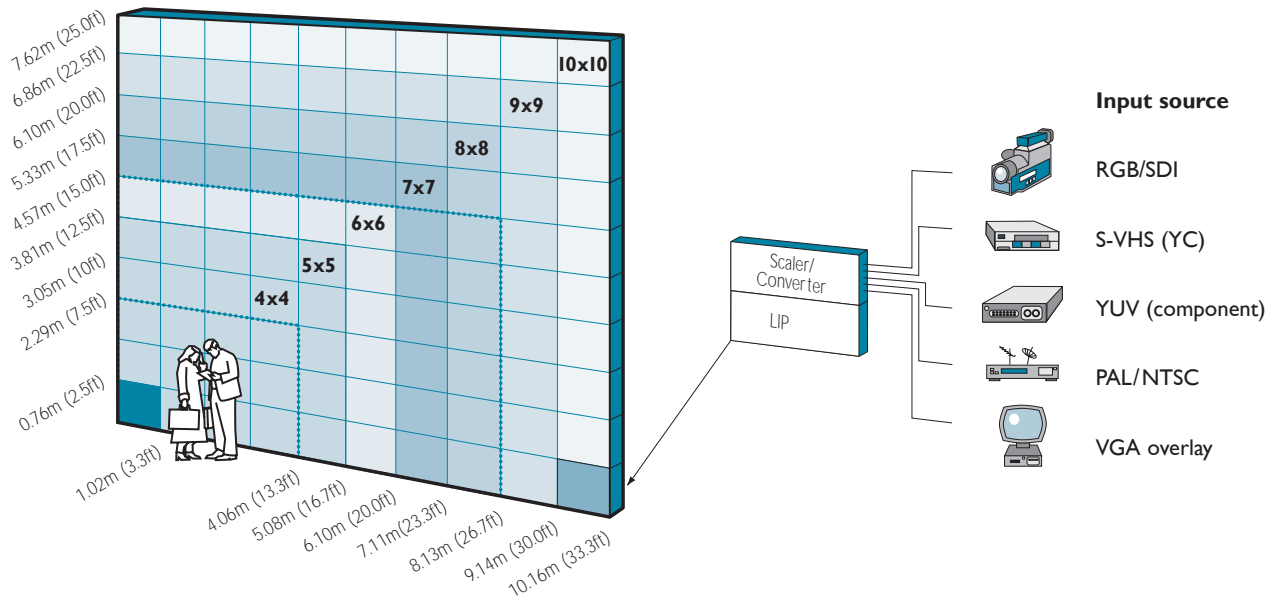
exhibitions

R16 ! / 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 R16 ! / o displays stunning images. Available in sleek, lightweight panels, the R16 ! / o is the ideal display choice for any application.

create !mpact

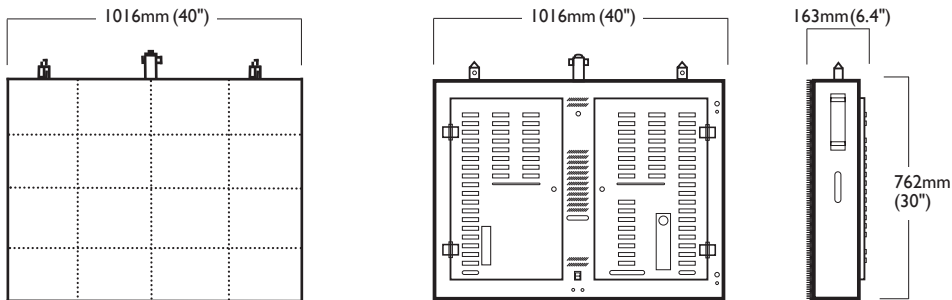
R16 !/o indoor/outdoor LED panel

configurations



quick reference guide

R16 !/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*			
R16 !/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)	Europe (240 volts)	US (110 volts)	
								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	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	18.5	40.4
5 x 5	25	19.4	208.33	5.08 x 3.81	16.7 x 12.5	320 x 240	1250 (2750)	7000	29.0	29.0
6 x 6	36	27.9	300.00	6.10 x 4.57	20.0 x 15.0	384 x 288	1800 (3960)	10080	41.7	41.7
7 x 7	49	37.9	408.33	7.11 x 5.33	23.3 x 17.5	448 x 336	2450 (5390)	13720	56.8	56.8
8 x 8	64	49.6	533.33	8.13 x 6.10	26.7 x 20.0	512 x 384	3200 (7040)	17920	74.1	74.1
9 x 9	81	62.7	675.00	9.14 x 6.86	30.0 x 22.5	576 x 432	4050 (8910)	22680	93.8	93.8
10 x 10	100	77.4	833.33	10.16 x 7.62	33.3 x 25.0	640 x 480	5000 (11000)	28000	115.8	115.8

*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.