

R16!/o

# indoor/outdoor LED panels

16mm Rental model



rental



concerts



sports events



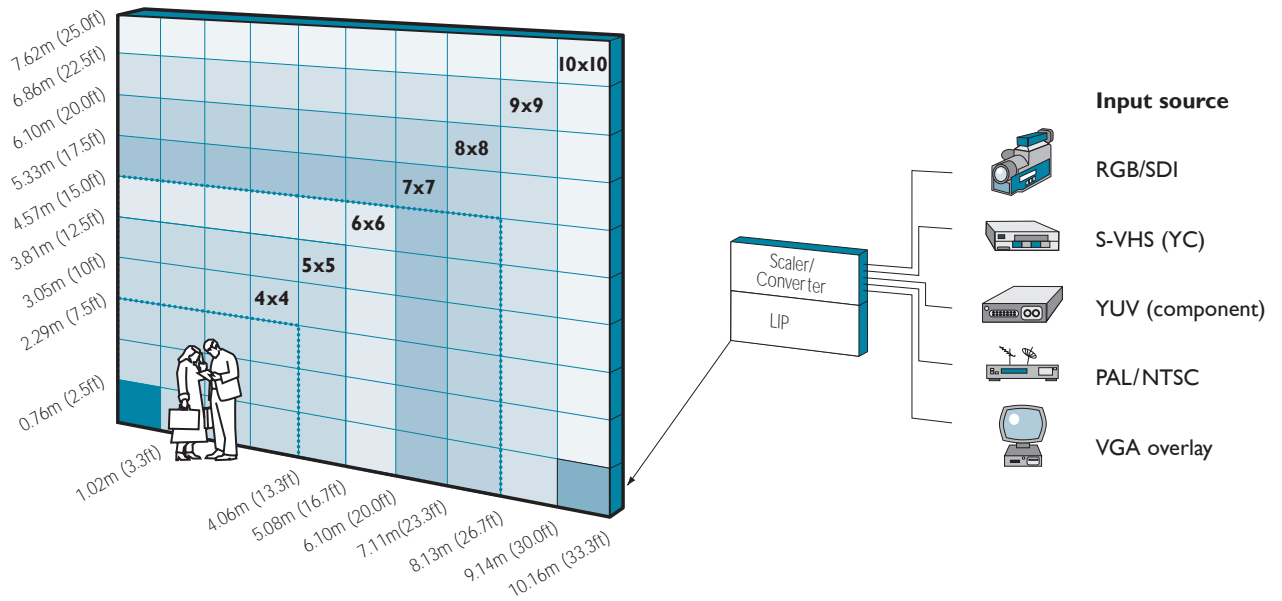
exhibitions

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

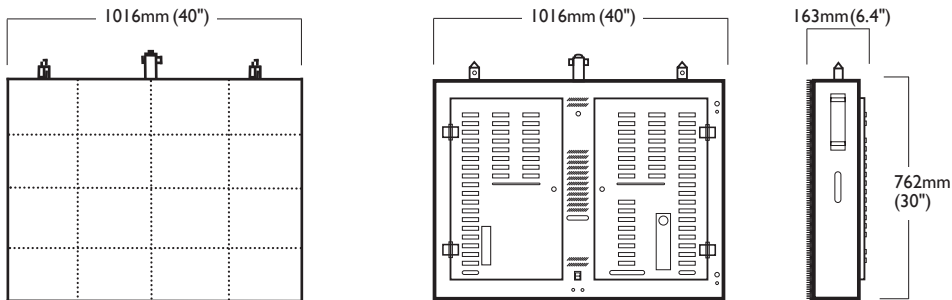
# R16 !/o indoor/outdoor LED panel

## configurations



## quick reference guide

R16 !/o



<b>brightness</b>	5000 nits	<b>data refresh rate (typical)</b>	100 kHz
<b>viewing angle horizontal</b>	140° (50% brightness)	<b>video frame rate</b>	50/60 frames per second
<b>viewing angle vertical</b>	60° (50% brightness)	<b>display input</b>	RGB HV, YUV, YC, SDI Composite (HD-SDI optional)
<b>pixel pitch</b>	15.875mm	<b>lifetime (50% brightness)</b>	>50,000 hours
<b>pixel density</b>	3969 per m <sup>2</sup>	<b>diagonal</b>	1269mm (50")
<b>pixel configuration</b>	RGB I, I, I	<b>operating temperature</b>	-20 to 40°C
<b>colours</b>	4.4 trillion	<b>power consumption (typical)*</b>	280 watts
<b>processing depth</b>	14 bit		

Standard 4:3 aspect ratio (16:9 aspect also possible)						panel	Average power consumption*			
R16 !/o panel	Panel total	Size (m <sup>2</sup> )	Size (ft <sup>2</sup> )	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.