

R4

indoor LED panels

4mm Rental model



rental



TV studios



exhibitions



conferences

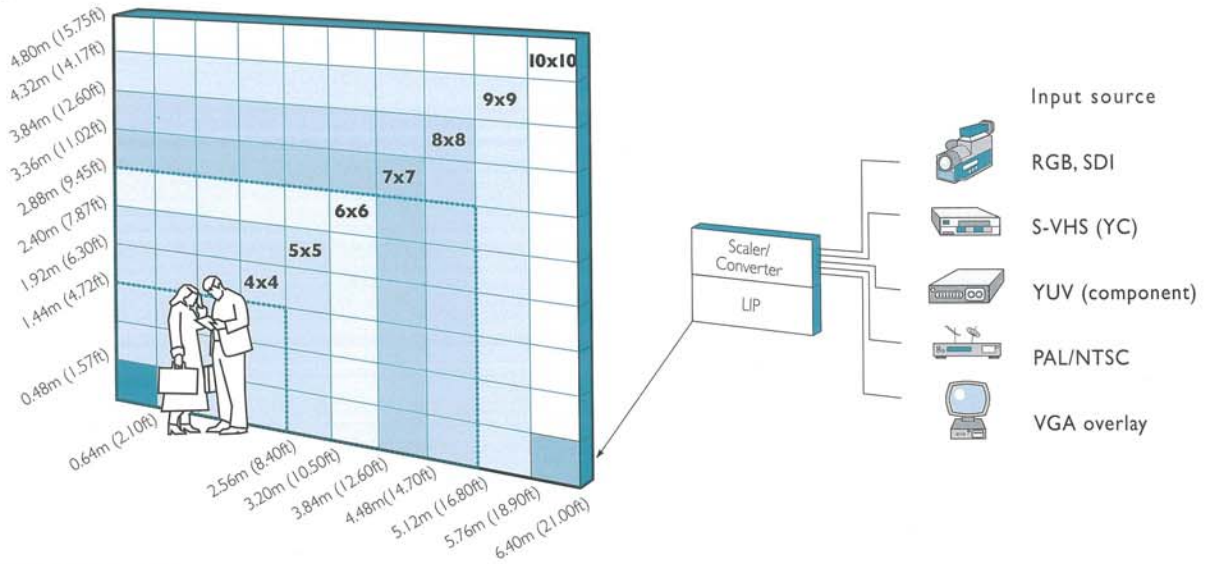
With its fine 4mm pixel pitch, high brightness, 14 bit technology and M4 uniformity control, the ultra high resolution R4 can display stunning images.

This fanless quiet feature gives R4 an advantage to use in indoor environments. With its low noise and fanless design, R4 is an extraordinary panel for indoor rental application. Packaged in sleek, light weight casing, the R4 is the ideal display for the sale rental applications that require spectacular close viewing capabilities.

create impact

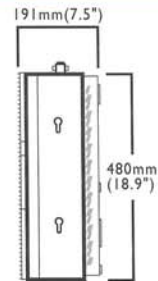
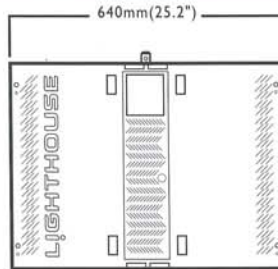
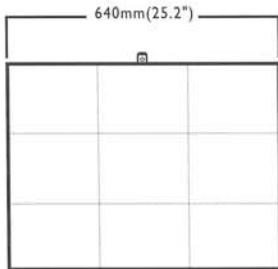
R4 indoor LED panel

configurations



quick reference guide

R4



brightness	2000 nits	data refresh rate (typical)	100,000 Hz
viewing angle horizontal	140° (50% brightness)	video frame rate	50/60 Hz
viewing angle vertical	140° (50% brightness)	display input (via Scaler & LIP)	RGB HV, YUV, YC, SDI Composite (HD-SDI optional)
pixel pitch	4.44mm	lifetime (50% brightness)	>50,000 hours
pixel density	50,625 per m ²	panel diagonal	800mm (31.5")
pixel configuration	SMD 1,1,1	operating temperature	0 to 35°C
colours	4.4 trillion	power consumption (typical)*	120 watts
digital processing	14 bit		

Standard 4:3 Aspect Ratio (16:9 aspect also available)							Panel		Average power consumption*		
R4 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	0.31	3.31	0.64 x 0.48	2.10 x 1.57	144 x 108	27.5 (61)	120	0.5	1.1	
4 x 4	16	4.92	52.89	2.56 x 1.92	8.40 x 6.30	576 x 432	440 (970)	1920	8.0	17.5	
5 x 5	25	7.68	82.64	3.20 x 2.40	10.50 x 7.87	720 x 540	687.5 (1516)	3000	12.5	27.3	
6 x 6	36	11.06	119.00	3.84 x 2.88	12.60 x 9.45	864 x 648	990 (2183)	4320	18	39.3	
7 x 7	49	15.05	161.97	4.48 x 3.36	14.69 x 11.02	1008 x 756	1347.5 (2971)	5880	24.5	53.5	
8 x 8	64	19.66	211.55	5.12 x 3.84	16.79 x 12.60	1152 x 864	1760 (3881)	7680	32.0	69.8	
9 x 9	81	24.88	267.74	5.76 x 4.32	18.89 x 14.17	1296 x 972	2227.5 (4912)	9720	40.5	88.4	
10 x 10	100	30.72	330.55	6.40 x 4.80	20.99 x 15.74	1440 x 1080	2750 (6064)	12000	50.0	109.1	

* Based on typical power consumption being 40% of maximum.
 Flightcase available upon request.
 Alternative processing systems are available for large screen size.
 Lighthouse reserves the right to change any specifications without notice.

LH-R4-SPEC-2.0 (27 Jun 2006)