

R6-III

## indoor LED panels

6mm Rental model



rental



TV studios



exhibitions



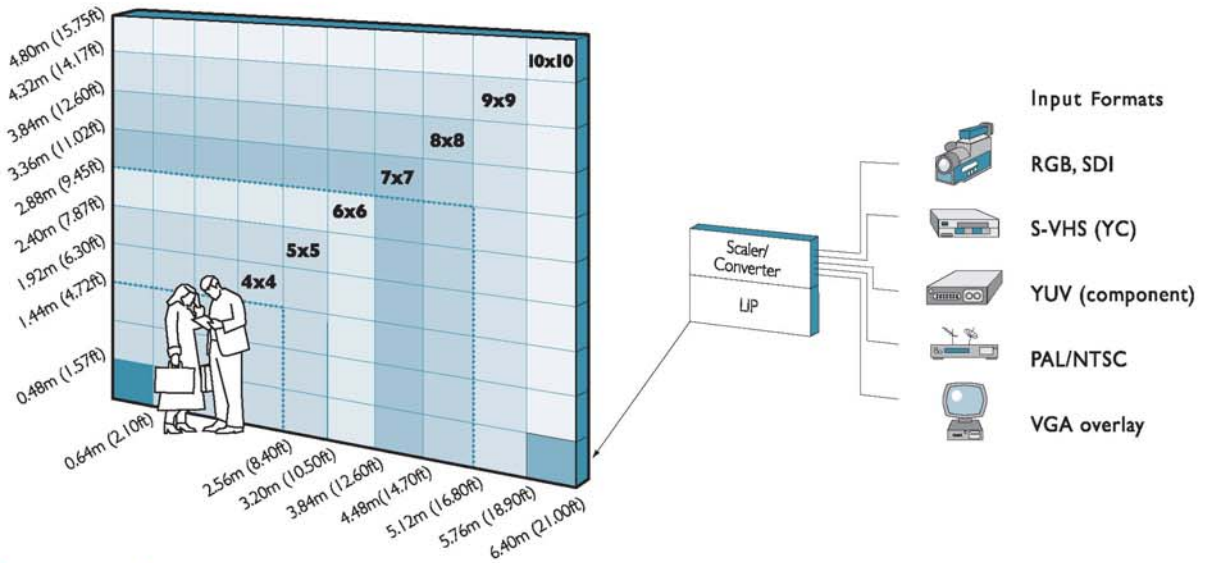
conferences

The R6-III is the perfect product for use at small-scale rental, indoor location with close viewing distance. Featuring a fine 6mm pixel pitch, high brightness output, 14 bit processing technology and M4 uniformity control, the ultra high resolution R6-III delivers stunning images. The R6-III, packed in a sleek, lightweight casing, offers a modular display that allows the build up of almost any display size that caters to your requirement.

create impact

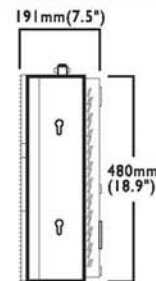
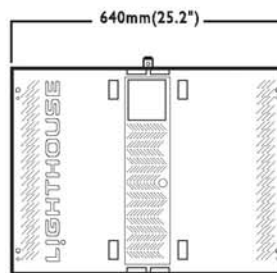
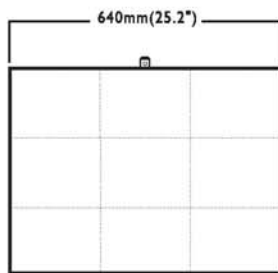
# R6-III indoor LED panel

## configurations



## quick reference guide

### R6-III



brightness	3000 nits	data refresh rate (typical)	100,000 Hz
viewing angle horizontal	140° (50% brightness)	video frame rate	50/60 Hz
viewing angle vertical	105° (50% brightness)	display input (via Scaler & LIP)	RGB HV, YUV, YC, SDI Composite (HD-SDI optional)
pixel pitch	6.67mm	lifetime (50% brightness)	>5 00 hours
pixel density	22,500 per m <sup>2</sup>	panel diagonal	800mm (31.5")
pixel configuration	SMD 1,1,1	operating temperature	0 to 35°C
colours	4.4 trillion	power consumption (typical)*	210 watts
digital processing	14 bit		

Standard 4:3 Aspect Ratio (16:9 aspect also available)							Panel	Average power consumption*		
R6-III panel	panel total	Size (m <sup>2</sup> )	Size (ft <sup>2</sup> )	Dimensions w x h (m)		Pixel resolution w x h	Total weight kg (lb)	Total (watts)	I Phase (amps)	I Phase (amps)
				w x h (m)	w x h (ft)			Europe (240 volts)	US (110 volts)	
1	1	0.31	3.31	0.64 x 0.48	2.10 x 1.57	96 x 72	32 (70)	210	0.9	1.9
4 x 4	16	4.92	52.91	2.56 x 1.92	8.40 x 6.30	384 x 288	512 (1126)	3360	14.0	30.5
5 x 5	25	7.68	82.67	3.20 x 2.40	10.50 x 7.87	480 x 360	800 (1760)	5250	21.9	47.7
6 x 6	36	11.06	119.04	3.84 x 2.88	12.60 x 9.45	576 x 432	1152 (2534)	7560	31.5	68.7
7 x 7	49	15.05	162.03	4.48 x 3.36	14.70 x 11.02	672 x 504	1568 (3450)	10290	42.9	93.5
8 x 8	64	19.66	211.63	5.12 x 3.84	16.80 x 12.60	768 x 576	2048 (4506)	13440	56.0	122.2
9 x 9	81	24.88	267.84	5.76 x 4.32	18.90 x 14.17	864 x 648	2592 (5702)	17010	70.9	154.6
10 x 10	100	30.72	330.67	6.40 x 4.80	21.00 x 15.75	960 x 720	3200 (7040)	21000	87.5	191.0

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