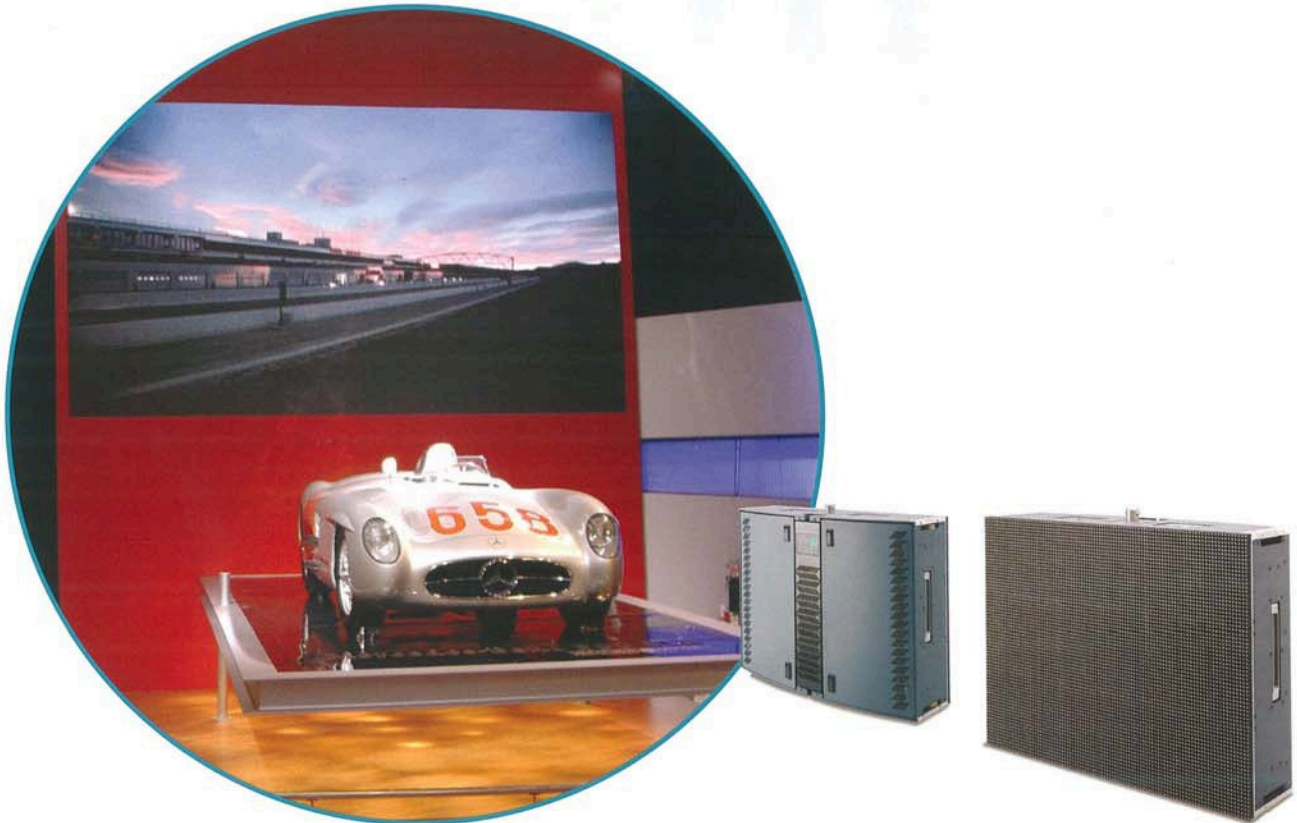


R6-III

indoor LED panels

6mm Rental model



TV studios



exhibitions



conferences



concerts



sports events



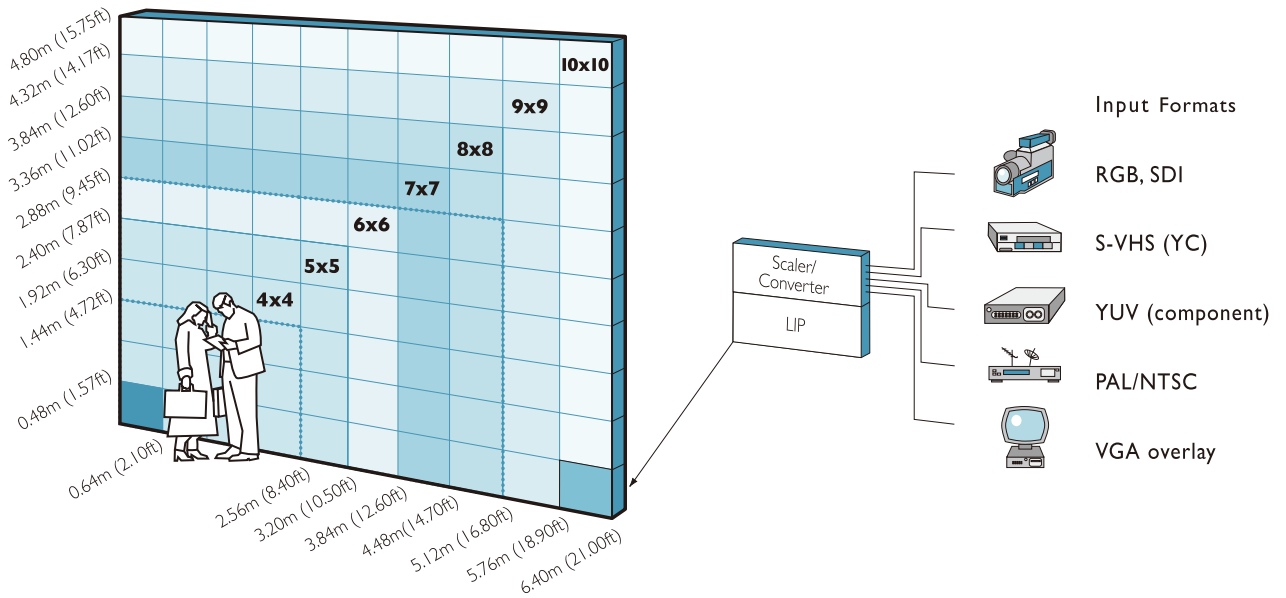
control rooms

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

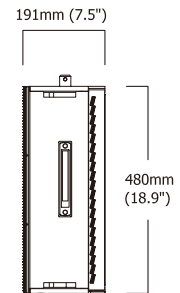
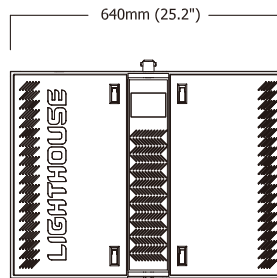
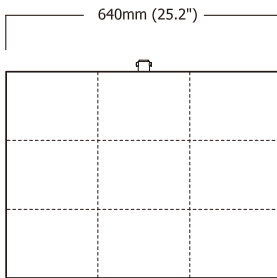
R6-III indoor LED panel

configurations



quick reference guide

R6-III



brightness	3000 nits
viewing angle horizontal	140° (50% brightness)
viewing angle vertical	115° (50% brightness)
contrast ratio (typical)	1,000:1
pixel pitch	6 mm
pixel density	22,500 per m ²
pixel configuration	SMD 1,1,1
colours	4.4 trillion
digital processing	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)	≥100,000 hours
panel diagonal	800mm (31.5")
operating temperature	0 to 35°C
power consumption (typical)*	201 watts

Standard 4:3 Aspect Ratio (16:9 aspect also available)							Panel	Average power consumption*		
R6-III panel	panel total	Size (m ²)	Size (ft ²)	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	31(68.2)	201	0.8	1.8
4 x 4	16	4.92	52.91	2.56 x 1.92	8.40 x 6.30	384 x 288	496(1091.2)	3216	13.4	29.2
5 x 5	25	7.68	82.67	3.20 x 2.40	10.50 x 7.87	480 x 360	775(1705)	5025	20.9	45.7
6 x 6	36	11.06	119.04	3.84 x 2.88	12.60 x 9.45	576 x 432	1116(2455.2)	7236	30.2	65.8
7 x 7	49	15.05	162.03	4.48 x 3.36	14.70 x 11.02	672 x 504	1519(3341.8)	9849	41.0	89.5
8 x 8	64	19.66	211.63	5.12 x 3.84	16.80 x 12.60	768 x 576	1984(4364.8)	12864	53.6	117.0
9 x 9	81	24.88	267.84	5.76 x 4.32	18.90 x 14.17	864 x 648	2511(5524.2)	16281	67.8	148.0
10 x 10	100	30.72	330.67	6.40 x 4.80	21.00 x 15.75	960 x 720	3100(6820)	20100	83.8	182.7

* 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.