

## TECHNO RAINBOW FULL COLOR LED DISPLAY SYSTEM

### 6mm CURVABLE INDOOR LED DISPLAY

- ▶ Purpose designed to create maximum impact indoors
- ▶ 6mm pixels for brilliant and vivid color with 170-degree view from any angle

**CURVABLE • PORTABLE • MODULAR • LIGHTWEIGHT**

**Up to 20 Degrees Concave per Module • Up to 10 Degrees Convex per Module**



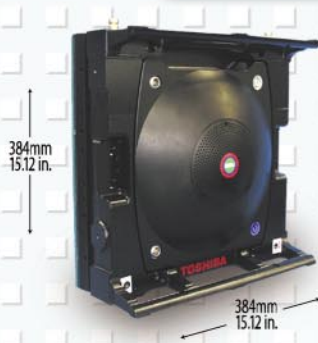
**TR2006R flat**  
40 modules arranged  
8 wide by 5 high.  
3077mm (10.08 ft)  
by 1920mm (6.3 ft)

**TR2006R curved**  
24 modules arranged  
8 wide by 3 high.  
3077mm (10.08 ft)  
by 1152mm (3.79 ft)



### ▶ MODULE SPECIFICATIONS

<b>LED Pixels</b>	6mm pitch — 3 in 1 (RGB) SMD Type (Surface-Mount Display) LED
<b>Brightness</b>	2,400 cd/m <sup>2</sup> (Calibrated)
<b>Display Colors</b>	over 1 billion colors
<b>Image Depth</b>	approximately 1,024 steps, 10 bit minimum
<b>Viewing Angle</b>	170° from any angle
<b>Pixel Number</b>	64 (H) x 64 (V)
<b>Display Size</b>	384 x 384 mm (15.12" x 15.12") = 0.15 m <sup>2</sup> (1.6 ft <sup>2</sup> ) (approx. 21 inch)
<b>Weight</b>	9Kg (19.84 lbs)
<b>Power Consumption</b>	230 Watt (MAX)
<b>Power Supply</b>	AC100V ~ 240V single phase
<b>Curved</b>	Up to 20 degrees concave/Up to 10 degrees convex
<b>Minimum Radius</b>	Concave = 1.1meters (3.61 ft)/Convex = 2.2 meters (7.22 ft)



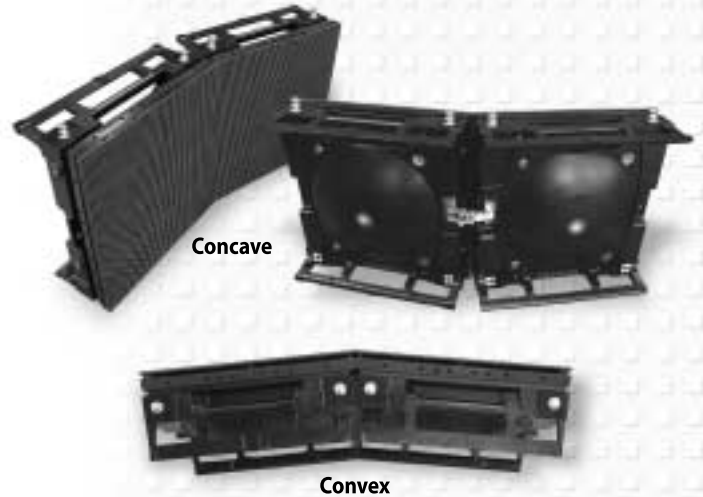
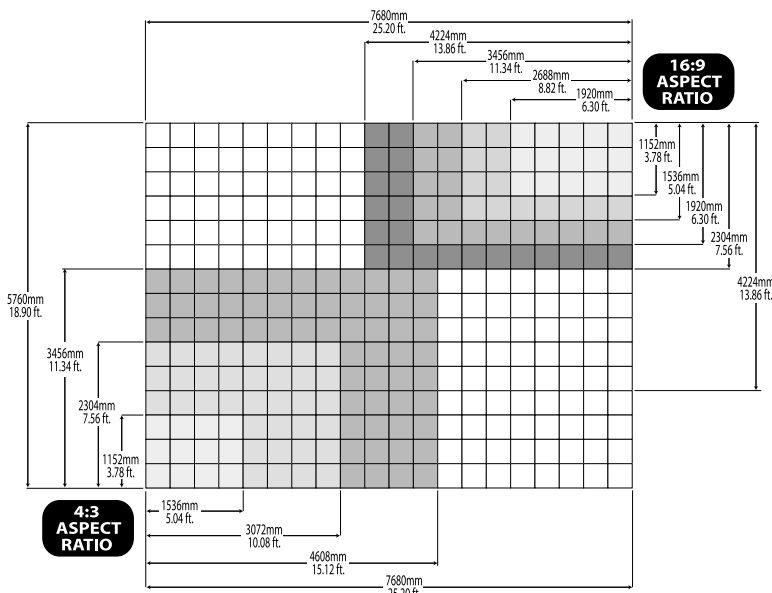
Big screen solutions  
for the 21st Century

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### POSSIBLE SCREEN SIZE EXAMPLES

INCH DIAGONAL	H x V (mm)		H x V (ft.)		PIXELS H x V		SCREEN AREA (m <sup>2</sup> ) (ft. <sup>2</sup> )		NUMBER OF MODULES H x V			TOTAL MODULES	ASPECT RATIO	MAX POWER (Watts)	WEIGHT	
	Kg	Lbs														
21.2	384	384	1.26	1.26	64	64	0.15	1.59	1	1	1	1.00:1	230	9	19.84	
76.0	1536	1152	5.04	3.78	256	192	1.77	19.05	4	3	12	1.33:1 (4:3)	2760	108	238.08	
88.0	1920	1152	6.30	3.78	320	192	2.21	23.81	5	3	15	1.67:1 (16:9)	3450	135	297.60	
97.0	1920	1536	6.30	5.04	320	256	2.95	31.75	5	4	20	1.25:1	4600	180	396.80	
109.0	2304	1536	7.56	5.04	384	256	3.54	38.10	6	4	24	1.50:1	5520	216	476.16	
122.0	2688	1536	8.82	5.04	448	256	4.13	44.45	7	4	28	1.75:1 (16:9)	6440	252	555.52	
142.0	3072	1920	10.08	6.30	512	320	5.90	63.50	8	5	40	1.60:1	9200	360	793.60	
156.0	3456	1920	11.34	6.30	576	320	6.64	71.44	9	5	45	1.80:1 (16:9)	10350	405	892.80	
151.0	3072	2304	10.08	7.56	512	384	7.08	76.20	8	6	48	1.33:1 (4:3)	11040	432	952.32	
172.0	3456	2688	11.34	8.82	576	448	9.29	100.02	9	7	63	1.29:1	14490	567	1249.92	
189.0	4224	2304	13.86	7.56	704	384	9.73	104.78	11	6	66	1.83:1 (16:9)	15180	594	1309.44	
185.0	3840	2688	12.60	8.82	640	448	10.32	111.13	10	7	70	1.43:1	16100	630	1388.80	
227.0	4608	3456	15.12	11.34	768	576	15.93	171.46	12	9	108	1.33:1 (4:3)	24840	972	2142.72	
345.0	7680	4224	25.20	13.86	1280*	704*	32.44	349.27	20	11	220	1.82:1 (16:9)	50600	1980	4364.80	
378.0	7680	5760	25.20	18.90	1280*	960*	44.24	476.28	20	15	300	1.33:1 (4:3)	69000	2700	5952.00	

\* over 832 x 640 pixels needs additional TRLC1050



### IMAGE PROCESSING SYSTEM SPECIFICATIONS

<b>Input Signal</b>	HD-SDI/STD-SDI/DVI-D (progressive only; looping)
<b>Output Signal</b>	100base-T (TR-link original) (100m max.) Up to 832 x 640 pixels, 1.0 frame delay
<b>Control</b>	Screen configuration Screen ON/OFF, Brightness, Test Pattern Input Signal, Color Preset, Scaling 25% ~ 200%
<b>Dimension</b>	430mm(17")W x 100mm(4")H (2U)
<b>Power Supply</b>	AC100V ~ 240V single phase



TRLC1050

#### Picture Calibration Software TR1000LC



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