

TOSHIBA

TECHNO RAINBOW TR2006E

Full Color LED Display

Purpose designed to create maximum impact indoors

6 mm pixels for brilliant images and vivid color, with 170° extra-wide viewing angles

* Portable * Modular * Lightweight * Fast-build * Simplified cabling * Easy maintenance * Versatile *

The high-performance display for the 21st century



Module Specification

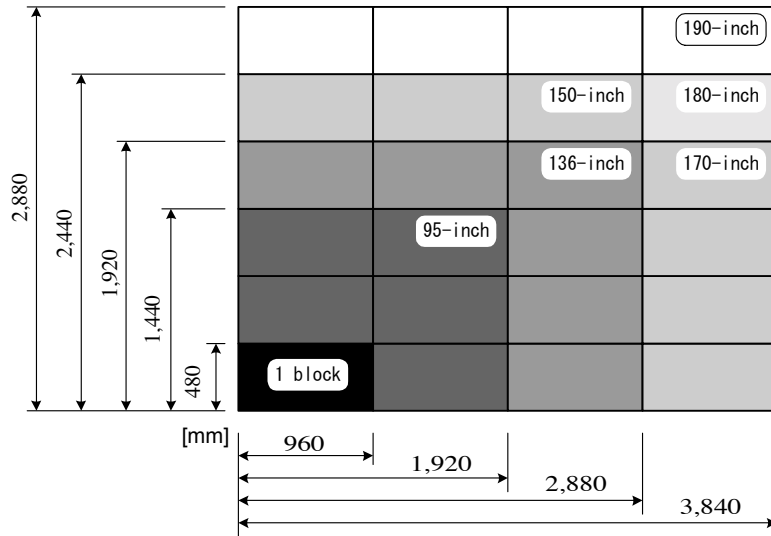
LED Pixels	6 mm pitch - 3 in 1 (RGB) SMD-type (surface-mount display) LEDs
Brightness	1,200 cd/m ²
Display Colors	approximately 1 billion colors
Image Depth	approximately 1,024 steps
Viewing Angle	170° from any angle
Pixel Number	160 (H) x 80 (V)
Display Size	960 x 480 mm (38" x 19") = 0.46m ² (4.9 ft ²) (approx. 42-inch diagonally)
Weight	35 kg (77 lb)
Power Consumption	330 Watt (100% light output); 85 Watt (25% light output)
Power Supply	AC100V-240V single phase



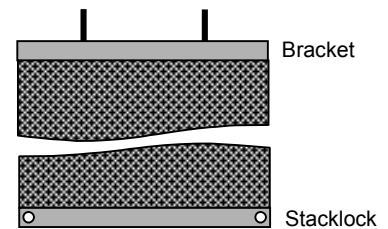
Possible Screen Size Examples

Inch Diagonal	Dimension		Pixels H x V	Screen Area		Number of Modules H x V	Aspect Ratio	Power Consumption Max (W) / Average (W)	Weight † kg (lb)
	H x V (mm)	H x V (ft)		(m ²)	(ft ²)				
95	1,920 x 1,440	6.3 x 4.7	320 x 240	2.76	29.7	2 x 3 = 6	4:3	1,980 / 510	210 (463)
136	2,880 x 1,920	9.4 x 6.3	480 x 240	5.53	59.5	3 x 4 = 12	16:9	3,960 / 1,020	420 (926)
150	2,880 x 2,400	9.4 x 7.9	480 x 400	6.91	74.4	3 x 5 = 15	4:3	4,950 / 1,275	525 (1,157)
170	3,840 x 1,920	12.6 x 6.3	640 x 320	7.37	79.3	4 x 4 = 16	2:1	5,260 / 1,360	650 (1,433)
180	3,840 x 2,400	12.6 x 7.9	640 x 400	9.22	99.2	4 x 5 = 20	16:9	6,600 / 1,700	700 (1,543)
190	3,840 x 2,880	12.6 x 9.4	640 x 480	11.06	118.4	4 x 6 = 24	4:3	7,920 / 2,040	840 (1,852)
* 380	7,680 x 5,760	25.2 x 18.9	1,280 x 960	44.24	476.3	8 x 12 = 96	4:3	31,680 / 8,160	3,360 (7,407)

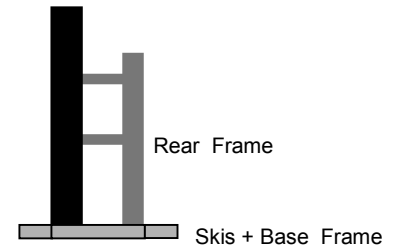
† without accessories



Hanging Set Up



Standing Set Up



- * 380-inch (1280 x 960 pixels) is possible to form by using separately available expansion unit.
- * 190-inch or more bigger size will require rear enforcement support.
- * HDTV signal compatible by adding TRHD1050, optional accessory.

Specification of Image Processing System



- Switch Controller -TRSC1006
- LED Controller -TRLC1000
- Visual Controller -TRVC1000

Input Signal	NTSC, PAL, RGB (analog), Y/C
Output Signal	4 line (TR-link original) VGA dot (640 x 480 dot)
Adjust Switch	Screen ON/OFF, Brightness Test PT, Input Signal Color Preset
Dimension	430 (W) x 150 (H) x 380 (D) mm 17"(W) x 6"(H) x 15"(D)
Power Supply	AC100V-240V single phase

Picture Control Software -TR1000



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