

## A Perfect Fusion of CRT and VFD Technology, Creating Screen Large Enough to Display a Whale

Registration No.	Number 00371		
Registration Date	September 10, 2024	Registration Category	Category 1

Name (Model, etc.)	Trini-Lite for JumboTron (JTS-1)		
Location	Mobara-shi, Chiba		
	FUTABA CORPORATION		
Owner (Custodian)	FUTABA CORPORATION		
Manufacturer (Company)	Sony Corporation, FUTABA CORPORATION		
Year Manufactured	1984		
Year first appeared	1983		
Reason For Selection	<p>This item is a high luminescence light-emitting element for large size image display devices. Combining the advantages of cathode-ray tube (CRT) and variable-frequency drive (VFD) technology, it has achieved compact sizes with a high luminescence of 5,000 cd/m<sup>2</sup>. The JumboTron (40 m × 25 m), which was equipped with 208,000 of these elements, garnered attention as a large screen that was able to display a whale at full size at the International Exposition (1985, Tsukuba). Documentation from the development period, original sales catalogues, high-definition elements JTS-2 (1985) and JTS-8 (1987), etc. also still preserved today. This is important as a product that depicts the advancement of development in large image display device technology.</p>		
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.) 2-A (Played a notable role in improving people's way of life and creating new ways of living.)		

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