


World first to achieve high luminance

Registration No.	Number 00355		
Registration Date	September 12, 2023	Registration Category	Category 1

Name (Model, etc.)	The Colored High-brightness Discharge Tube for SUPER COLOR VISION		
Location	Yokosuka-shi, Kanagawa		
	Toshiba Lighting & Technology Corporation		
Owner (Custodian)	Toshiba Lighting & Technology Corporation		
Manufacturer (Company)	Toshiba Lighting & Technology Corporation		
Year Manufactured	Around 1989		
Year first appeared	1983		
Reason For Selection	<p>These are light-emitting devices for large video display systems used mainly outdoors. Large video display systems that convey common information to people in public places through images require high luminance so that they display clear color images even under conditions where sunlight shines on the display surface during the daytime. The Colored High brightness Discharge (CHD) tube used electrical discharges to achieve the highest luminance in the field of large video display systems at the time. This technology is significant for having achieved high luminance, which was the goal of subsequent technological development.</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.)		

Open/Closed to Public	Closed to Public		
Photo	 <p>The photograph shows three cylindrical discharge tubes lying horizontally on a light-colored surface. From left to right, they are colored red, green, and blue. Each tube has a black body with a clear, rounded end. Small labels are visible on the top of each tube.</p>		
Other useful information			