

*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

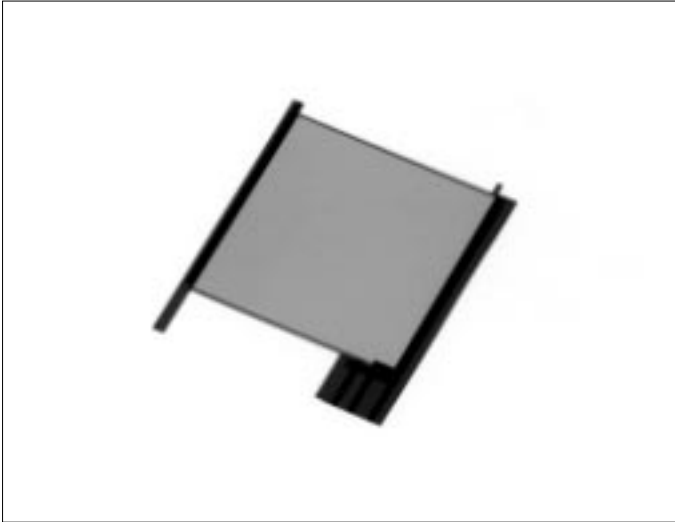
Brightest EL in this field

Electroluminescence Elements(EL)

High Brightness Electroluminescence Elements

Industry/Field: Mobile Communications

It's bright! 100cd/m² brightness with printing type



• Development Target:

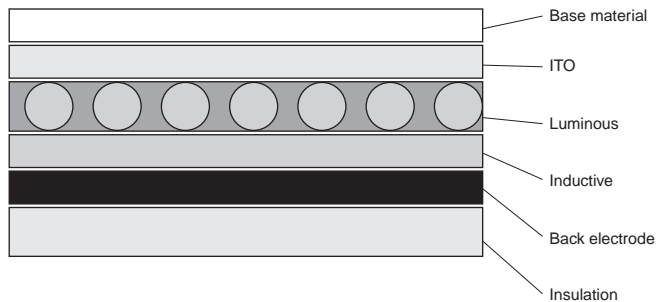
We assure high quality of finished goods with equal luminescence for down-sizing needs as the back-light of a LCD panel

• Features:

- 1** High brightness with the same circuit and current condition
- 2** Low electric power consumption and long life with the same level of brightness
- 3** Applicable for various designs such as curved surfaces

• Number of industrial property rights: 29(pending)

• Structure:



• Characteristics/specifications:

		Characteristics
Luminescence Circuit		100VAC 400Hz Sine wave (Oscillator + Amplifier)
Brightness		105cd/m ² (Green)
Current Consumption		0.2mA/cm ²
Brightness Life (Half Life)	Regular Temperature	600 h min
	High Temperature (70°C)	100 h min
	High Humidity (40°C 95%)	240 h min

• Applications/usage examples:

- Mobile Phone : Light for LCD and buttons
- Watch : Light for LCD

• Explanation of part numbers:

ESPT Series