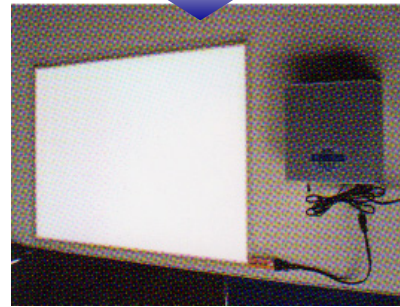
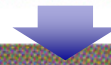
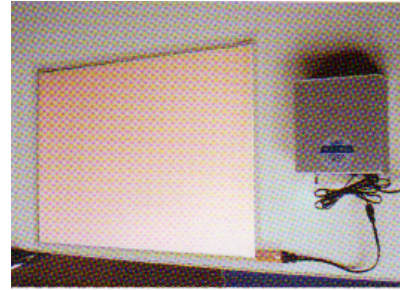
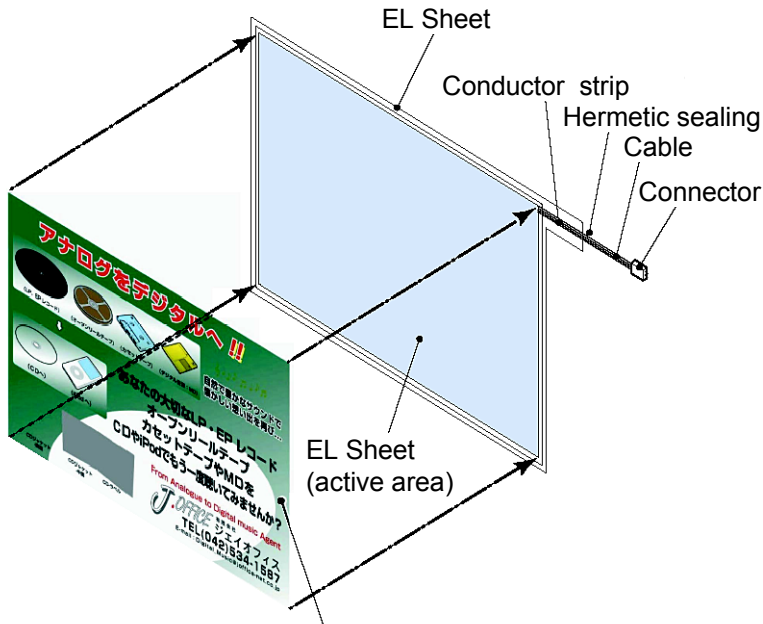
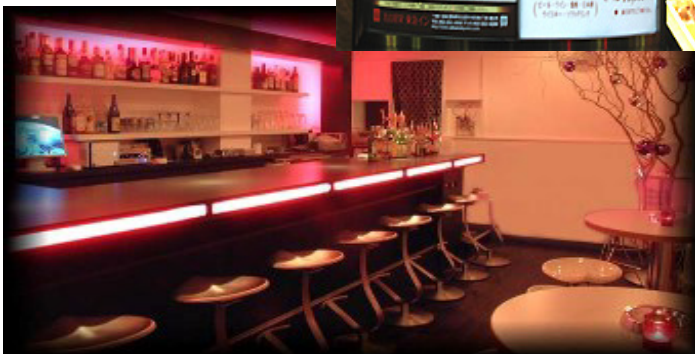


He-EL - High efficiency Electro-Luminescence -



PoP Design



Size variation

Type	Width / inch	Length / inch
A0	33	47
A1	24	33
A2	17	24
A3	12	17
A4	8.5	12
A5	5.5	8.5
B0	41	58
B1	29	41
B2	20	29
B3	14.5	20
B4	10.5	14.5



He-EL

- High efficiency Electro-Luminescence -

Innovation

An optical and electronical phenomenon, EL (Electro-Luminescence), is the result of irradiative recombination of electrons and holes in a luminous material which emits light in response to a current or electric field applied.

Our innovative and proprietary luminous materials are based on inorganic ZnS composite systems, and quite uniformly illuminate the whole sheet with high efficiency and brightness.

Our innovation is not only the materials, but also in producing a remarkable high-efficient electrical inverter that realizes the extreme performance of the Inorganic Electro-Luminescence sheet materials.

Feature

Point 1

→ Thin & Light weight

< 1 mm thickness, 500g weight for large A1 type

Point 2

→ Uniform & Gentle emission

Electric field Surface emission, less heat generation

Point 3

→ Fits on curved object

PET base film & flexible structure

Point 4

→ Wide view angle

Uniform print coating & Electro-Luminescence

Point 5

→ Low power consumption

1/4 of Fluorescent lamp, 1/2 of LED light bulb

Point 6

→ Disposable domestic waste

No hazardous material contained

Point 7

→ Long life

>3000hrs: 400cd/m² (typ.), >6000hrs: 1000cd/m² (lab.)