Lumineq Transparent Electroluminescent Display

**Product capabilities:**

Do you want to see your content on a transparent glass display? Lumineq TASEL displays are fully transparent, flexible in terms of applications and genuinely unique.

Whether you want to see just how transparent a display can be, or test how the matrix display will accommodate your content, the Lumineq ELT256.120.90 is your best choice.

The ELT256.120.90 was designed to demonstrate TASEL, to enable you to work with the technology and adopt the new way of thinking that this new display type necessitates. Our transparent is really transparent.

**Product features:**

- Technology based on Thin Film Electroluminescence (TFEL)
- Matrix display with 256 columns and 120 rows
- The active display area is 230 × 108 mm.

**Ordering Information:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Part number</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELT256.120.90</td>
<td>997-5885-00LF</td>
<td>glass panel with separate controller</td>
</tr>
</tbody>
</table>

**Technical specifications:**

- **Technology:** Transparent Thin Film Electroluminescence (TASEL)
- **Color:** TFEL-yellow
- **Viewing angle:** 360°, fully transparent
- **Response time:** < 1 ms
- **Luminance:** 80 cd/m² typical areal
- **Transparency:** 73% typical
- **Resolution:** 256 × 120 pixels
- **Pixel pitch:** 0.90 × 0.90 mm
- **Pixel size:** 0.80 × 0.80 mm
- **Fill factor:** 79%
- **Display size:** 280 × 193.4 × 12.1 mm (without optional frame)
- **Active area:** 230.4 × 108 mm
- **Diagonal size:** 10’’ (254 mm)
- **Controller size:** 143 × 32 × 28 mm
- **Supply voltages:** 5 and 24 VDC
- **Power:** 17 W typical, 36 W maximum
- **MTBF:** > 50,000 hours
- **Temperature:** Operating: 0 to +40 °C, Storage: -20 to +60 °C
- **Humidity:** 85% RH, non-condensing
- **RoHS:** Compliant with EU 2002/95/EC RoHS Directive
- **Video interface:** 2-bit LCD-type
- **Options:** - Transparent plastic frame

Beneq Products Oy
Olarinluoma 9
FI-02200 Espoo
Finland

Tel. +358 9 7599 530
Fax +358 9 7599 5310
VAT ID FI25115461
lumineq@beneq.com
www.lumineq.com

Lumineq is a registered trademark of Beneq Oy. Technical information in this document is subject to change without notice. Mar/2013