The EL320.240.36-HB is a high-bright QVGA-display for use in extreme operating conditions.

Lumineq’s Thin Film Electroluminescence (TFEL) displays have the widest operating temperature range of commercially available technology.

TFEL displays are ideal for use in industrial, medical, transportation, military, public safety and other demanding applications.

### Lumineq Thin Film Electroluminescent Display

**Product highlights:**

- Wide temperature range from -40 to +85 °C
- Sunlight readability: 150 cd/m²
- Broad input voltage range: 8…18 VDC
- Analog dimming
- SAE J-1455 compliant

**General TFEL features and benefits:**

- Instant ON in cold and hot temperatures
- No need for heating and cooling
- Very long lifetime
- Extremely stable brightness – measured 100,000 hours with > 85% left of initial luminance
- TFEL display brightness, contrast, viewing angle and response time are the same across the entire operating temperature range
- Wide viewing angle > 179° with crisp and clear image
- Very fast response time, < 1 ms
- Extremely rugged and solid TFEL display structure
- Very long production life time
- Extremely wide operating temperature range

**Technical specifications:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Part number</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL320.240.36-HB</td>
<td>996-0292-00LF</td>
<td>Standard, conformal coating</td>
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<tr>
<td>EL320.240.36-HB CC</td>
<td>996-0292-06LF</td>
<td>Conformal coating</td>
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