



POWERED BY BENEQ

# ELT160.80.50

## TASEL® Transparent Electroluminescent Display from Lumineq®



The ELT160.80.50 is a TASEL® transparent display designed for use in applications requiring full see-through properties of the display, be that for functional or aesthetic reasons.

Lumineq® TASEL displays combine the rugged and reliable build of TFELs with the unique freedom of designing a completely transparent display. TASEL is ideal for applications where, transparency, ruggedness, viewing experience and product aesthetics is of paramount importance.

### 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 ELT160.80.50 is your first choice.

The ELT160.80.50 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.

#### Technical specifications:

Technology	Transparent Thin Film Electroluminescence (TASEL)
Color	TFEL-yellow
Viewing angle	360°, fully transparent
Response time	< 1 ms
Luminance	75 cd/m <sup>2</sup> typical areal @ 240 Hz 19 cd/m <sup>2</sup> typical areal @ 60 Hz
Resolution	160 × 80 pixels
Pixel pitch	0.50 × 0.50 mm
Display size	129 × 55 mm (display glass)
Active area	80 × 40 mm
Power	2.0 W typical @ 60 Hz 4.4 W typical @ 240 Hz
Video interface	4-bit LCD-type or SPI Interface
Warranty	3 months (Demo product)

#### Product features:

- Technology based on Thin Film Electroluminescence
- Matrix display with 160 columns and 80 rows
- Same electronics as standard Lumineq EL160.80.50 TFEL display
- Flex circuit for connecting electronics to the glass
- The active display area is 80 × 40 mm.

#### Ordering Information:

Product	Part number	Features
ELT160.80.50	997-5434-00LF	4-bit LCD Interface
ELT160.80.50-SPI	EL00047800	SPI Interface
USB13700 Demo Kit	997-5625-00LF	USB demo kit with display controller for 4-bit display interface

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