



# LIP ELT40S-07

## Lamination Introduction Package with ELT40S TASEL® display glass



Lamination Introduction Package (LIP) ELT40S-07 is a bundle of TASEL® display panels (Lumineq ELT40S TASEL display), flexible printed circuit (FPC) cables and driving electronics. With the product, Lumineq customers can experiment with various levels of display in-glass lamination.

The package comes with

- four mechanical samples of display substrate glass for initial lamination experiments,
- two non-functional display panels with the FPC attached for second stage experiments,
- two functional displays with the FPC attached for experimenting with a fully functional display panel, and
- driving electronics, power supply with EU, UK and US power cords, documentation, cabling and driver and peripheral software supplied with a USB stick.

Thickness of the glass parts is 0.7mm. There is no cover glass.

### Lumineq Lamination Introduction Package (LIP) with ELT40S TASEL Display Glass

Product highlights:
<ul style="list-style-type: none"> <li>• Enables different levels of in-glass lamination experiments (dummy glass, glass with FPC, and functional display with FPC)</li> <li>• Displays and their interconnects withstand standard lamination processes</li> <li>• Bright, easy-to-read display, also in daylight</li> <li>• Comes with necessary electrical parts, cabling and documents</li> <li>• Parts of the LIP package also available separately for repeated experiments</li> </ul>

Display Technical specifications:	
Technology	Thin Film Electroluminescence
Color	TFEL-yellow
Segments	40 predefined segments of which 32 relate to 4 general-purpose 8 segment numeric symbols
Viewing angle	2x 179°, (two sides - substrate is transparent)
Response time	< 1 ms
Luminance	up to 500 cd/m <sup>2</sup>
Contrast	ambient (background lighting) dependent; daylight readable
Transparency when laminated	≥ 70% when laminated properly/with cover glass; depends on the surrounding structure
Glass size (wo. FPC)	59mm (height) x 119mm (width)
Power consumption	< 3W
Temperature	Display glass: -100 to +105 °C Electronics: Office environment
Warranty	3 months; not covering lamination process or laminated product

Ordering Information:		
Product	Part number	Features
LIP ELT40S-07	EL00035700	Complete package of display glass and peripherals for lamination trials
ELT40S-07NC-MECH SAMPLE	EL00035800	A glass sheet that corresponds to the display panel size
ELT40S-07NC-250 FPC M.SAMP	EL00035900	A nonfunctional display with FPC attached*
ELT40S-07NC-250 FPC	EL00035200	A functional display with FPC attached*
ECA ELT40S w FPC	EL00010901	Driver electronics for the display (needs "Demo kit" to drive the display)*
Demo kit	EL00041000	Logic and controller electronics*

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