



TIP ELT40S

TASEL® Introduction Package with ELT40S TASEL display glass



TASEL Introduction Package (TIP) ELT40S is a bundle of one TASEL® display panel (Lumineq ELT40S TASEL display), flexible printed circuit (FPC) cable and driving electronics.

With the package, the user can experiment with functional designs incorporating transparent displays. The display is light (31g) and can be readily attached to a glass with an adhesive tape, for example.

The package comes with

- one functional display 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 display panel is 1.1mm, and it comes with a cover glass of 1.1mm thickness (total thickness 2.2mm).

Lumineq TASEL Introduction Package (TIP) with ELT40S TASEL Display Glass

Product highlights:

- Great for experimenting with functional displays on transparent structures, like architectural glass, windshields, mirrors, windows etc.
- As the display is very light, it is easy to attach e.g. with simple adhesive tape (tape not included) for experimenting
- Bright, easy-to-read display, also in daylight conditions
- Comes with necessary electrical parts, cabling and documents

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 ² |
| Contrast | ambient (background lighting) dependent; daylight readable |
| Transparency | ≥ 70% with cover glass; overall, 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 | 6 months |

Ordering Information:

| Product | Part number | Features |
|------------------|-------------|---|
| TIP ELT40S | EL00037000 | Complete package for TASEL trials |
| ELT40S-250FPC | ELT00037100 | ELT40S-display* with cover glass |
| 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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