



## ELT119S-RETICLE

The ELT119S-RETICLE is a transparent digital reticle that enhances Riflescopes with Smart Features.

Transparent displays from LUMINEQ bring dynamic reticle and digital information into the line of sight without sacrificing the optical quality or reliability of the scopes.

LUMINEQ displays, enabled by Atomic Layer Deposition, are the world's most reliable, and most transparent and optically clear displays.

### LUMINEQ Transparent Digital Reticle

#### Product features:

- Transparent digital reticle display glass cut to round shape ready for integrations to line of sight of optics.
- Traditional glass-etched BDC reticle with Christmas tree-shaped holdover dots.
- Transparent self-emitting display segments enabling lighting-up the crosshair, the Christmas tree holdover dots, dynamic drop dot from a chain of 88 dots and range information in numbers.
- Reticle comes with FPC contacting and driving electronics supporting I2C interface.

#### Technical specifications:

Technology	Transparent Thin Film Electroluminescence. Solid state, inorganic, emissive
Color	TFEL-yellow
Type	Segmented, 119 predefined icons
Transparency	~82-84% ~88-90% when with AR (Where transparent and thin films)
Luminance	Adjustable – Max. ~5000 cd/m2
Glass diameter	20.5 mm (plus contact area)
Glass thickness	2.2mm (total - encapsulated with cover glass)
Flex (FPC)	Straight, length 39mm
PCB size	40.00 mm x 27.35 mm x 5.60 mm
Input current	0.2mA to 20mA – depends on the brightness
Input Voltage	3V (CR123A or CR2 battery)
Interface	I2C

#### Ordering Information:

Product	Part number	Features
ELT119S-RETICLE	EL00170800	Digital reticle display with FPC contacting and driving electronics

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