



## Self-Illuminating Leveling Rod LumiScale



**LumiScale** is a self-illuminating leveling rod for digital levels for use under unfavourable light conditions such as underground and tunneling construction projects.

With regard to its precision, self-illuminating leveling rod **LumiScale** fulfills the norm DIN 18703. The **LumiScale** graduation is back-lit via an electroluminescent foil which uniformly illuminates the entire graduation without any shades. Extensive tests, performed by the University of Graz, Austria, have proven that measuring errors are eliminated thanks to the equable illumination of the graduation. For this reason the **LumiScale** technology is superior to an external illumination of the graduation. **LumiScale** is available with bar codes for all common digital levels.

### Features:

- Illuminated graduation
- Illuminated bubble
- Supplied with rechargeable batteries, charger and cushioned bag

### Nedo LumiScale

Ref.-No.	
Ref.-No. 340 220-185	LumiScale with Trimble bar code
Ref.-No. 340 222-185	LumiScale with Leica DNA bar code
Ref.-No. 340 223-185	LumiScale with Topcon RAB bar code
Ref.-No. 340 224-185	LumiScale with Sokkia bar code
Ref.-No. 340 225-185	LumiScale with Leica-Sprinter bar code

Technical data:	
Graduation	bar code
Carrier of graduation	polyester film ( $\alpha_{TH} < 18 \text{ ppm}/^{\circ}\text{C}$ )
Accuracy	$\Delta l = \pm(0.2 \text{ mm} + 2l \cdot 10^{-4})$
Illuminated area	83" x 1" / 2125 mm x 25 mm
Illumination	electroluminescent foil
Power supply	removeable NiMH rechargeable batteries, 2000 mAh
Operation duration	approx. 5.5 h
Circular bubble	illuminated, sensitivity 12'
Protection class	IP 54
Dimensions	87" x 3" x 2.5" / 2200 mm x 70 mm x 60,5 mm
Body of staff	aluminum profile
Weight	approx. 9 lbs. / 4.0 kg (with rechargeable batteries)

Technical data subject to change



Precise surveying and measuring

### Nedo

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