## **Product Data Sheet**

# Leica Lino L6R 3x360° red Multi Line Laser

#### **Features**



- Horizontal and two vertical 360° red laser lines
- High visibility due to red Ultra-power laser diodes
- Self-levelling over wide range
- Fixed plumb point due to integrated base
- Adjustable strength of laser lines
- Operating range of up to 25 metres
- Li-lon power for up to 36 h operation
- Uninterrupted working with Triple-Power concept
- Smart magnetic adapters for easy positioning

#### **Technical data**

Beam horizontal Beam horizontal Beam vertical  1 2 x 360°  Intersection points  Range / diameter*  25 m / 50 m (82 ft / 164 ft)  Range / diameter* with Leica RGR 200 receiver  Levelling accuracy  4 0.2 mm/m (± 0.002 in/ft)  Horizontal- and Vertical line accuracy  4 0.3 mm/m (± 0.002 in/ft)  Horizontal- and Vertical line accuracy  4 0.2 mm/m (± 0.002 in/ft)  Horizontal- and vertical incercacy  5 elf-levelling range  4 4°  Self-levelling time  5 3 sec  Fine adjustment  0 ut-of-level warning  4 10° around vertical intersection point  2 curry 5 s  Levelling  5 pendulum (lockable)  Laser  635 nm / class 2 (acc. to IEC 60825-1)  Protection class  Battery type  3 xAA Alkaline  Lino Li-lon battery pack  5 200 mAh / 18.7 Wh  or 3xAA Alkaline  Laser line intensity (selectable)  100 %, 75 %, 50 %  Operating time with Li-lon  Operating time with Li-lon  Operating time with Alkaline  Depending intersity (selectable)  100 %, 75 %, 50 %  Operating time with Alkaline  Dimensions  124 x 107 x 154 mm (4.88 x 4.21 x 6.06 in)  Weight  781 g (1.71 lbs)  Operation temperature  -10 to +50° C (1.4 to 122° F)  Storage temperature  -25 to +70° C (-13 to +158° F)  Laser line width @ 5 m (16.4 ft) distance  Tripod thread  Pulse power for receiver	Teelinical data		
Beam vertical 2 x 360° Intersection points up, down, right, left, front, back (90° / 180°) Range / diameter* 25 m / 50 m (82 ft / 164 ft) Range / diameter* with Leica RGR 200 receiver 70 m / 140 m (230 ft / 460 ft) Levelling accuracy ± 0.2 mm/m (± 0.002 in/ft) Horizontal- and Vertical line accuracy ± 0.3 mm/m (± 0.004 in/ft) Intersection point accuracy ± 0.2 mm/m (± 0.002 in/ft) Self-levelling range ± 4° Self-levelling time < 3 sec Fine adjustment ± 10° around vertical intersection point Out-of-level warning yes - blink lines every 5 s Levelling pendulum (lockable) Laser 635 nm / class 2 (acc. to IEC 60825-1) Protection class IP54 (dust and splash water) Battery type 3xAA Alkaline Lino Li-lon battery pack 5200 mAh / 18.7 Wh or 3xAA Alkaline Laser line intensity (selectable) 100 %, 75 %, 50 % Operating time with Li-lon optional up to 36 h (3 beam, 50 % power Operating time with Alkaline up to 25 h (3 beam, 50 % power Dimensions 124 x 107 x 154 mm (4.88 x 4.21 x 6.06 in) Weight 781 g (1.71 lbs) Operation temperature -25 to +70° C (-13 to +158° F) Laser line width @ 5 m (16.4 ft) distance			
Intersection points	Beam horizontal	360°	
Range / diameter*         25 m / 50 m (82 ft / 164 ft)           Range / diameter* with Leica RGR 200 receiver         70 m / 140 m (230 ft / 460 ft)           Levelling accuracy         ± 0.2 mm/m (± 0.002 in/ft)           Horizontal- and Vertical line accuracy         ± 0.3 mm/m (± 0.004 in/ft)           Intersection point accuracy         ± 0.2 mm/m (± 0.002 in/ft)           Self-levelling range         ± 4°           Self-levelling time         < 3 sec	Beam vertical	2 x 360°	
Range / diameter* with Leica RGR 200 receiver         70 m / 140 m (230 ft / 460 ft)           Levelling accuracy         ± 0.2 mm/m (± 0.002 in/ft)           Horizontal- and Vertical line accuracy         ± 0.3 mm/m (± 0.004 in/ft)           Intersection point accuracy         ± 0.2 mm/m (± 0.002 in/ft)           Self-levelling range         ± 4°           Self-levelling time         < 3 sec	Intersection points	up, down, right, left, front, back (90° / 180°)	
Levelling accuracy	Range / diameter*	25 m / 50 m (82 ft / 164 ft)	
Horizontal- and Vertical line accuracy ± 0.3 mm/m (± 0.004 in/ft) Intersection point accuracy ± 0.2 mm/m (± 0.002 in/ft) Self-levelling range ± 4° Self-levelling time	Range / diameter* with Leica RGR 200 receiver	70 m / 140 m (230 ft / 460 ft)	
Intersection point accuracy  \$\frac{\text{total mm/m} \text{ \text{total total point}}}{\text{total total point}}}\$  Self-levelling range  \$\frac{\text{total total point}}{\text{total total point}}}\$  \$\frac{\text{total total point}}{\text{total total point}}\$  \$\frac{\text{total mm/m} \text{ \text{total total point}}}{\text{total total point}}}\$  \$\frac{\text{total total point}}{\text{total total point}}\$  \$\frac{\text{total total point}}{\text{total point}}\$  \$\frac{\text{total total point}}{\text{total point}}\$  \$\frac{\text{total point}}{\text{total point}}\$  \$\frac	Levelling accuracy	± 0.2 mm/m (± 0.002 in/ft)	
Self-levelling range	Horizontal- and Vertical line accuracy	± 0.3 mm/m (± 0.004 in/ft)	
Self-levelling time  \( \text{3 sec} \)  Fine adjustment  \( \text{2 to 0" around vertical intersection point} \)  Out-of-level warning  \( \text{2 yes - blink lines every 5 s} \)  Levelling  \( \text{pendulum (lockable)} \)  Laser  \( \text{635 nm / class 2 (acc. to IEC 60825-1)} \)  Protection class  \( \text{IP54 (dust and splash water)} \)  Battery type  \( \text{3 xAA Alkaline} \)  \( \text{Lino Li-lon battery pack } \)  \( \text{5200 mAh / 18.7 Wh } \)  \( \text{or 3 xAA Alkaline} \)  Laser line intensity (selectable)  \( \text{00 mAh / 18.7 Wh } \)  \( \text{or 3 xAA Alkaline} \)  Laser line with Li-lon  \( \text{00 perating time with Li-lon} \)  \( \text{00 perating time with Alkaline} \)  \( \text{up to 25 h (3 beam, 50 % power} \)  \( up to 25 h (3 beam, 50 %	Intersection point accuracy	± 0.2 mm/m (± 0.002 in/ft)	
Fine adjustment	Self-levelling range		
Out-of-level warning yes - blink lines every 5 s  Levelling pendulum (lockable)  Laser 635 nm / class 2 (acc. to IEC 60825-1)  Protection class IP54 (dust and splash water)  Battery type 3xAA Alkaline Lino Li-lon battery pack 5200 mAh / 18.7 Wh or 3xAA Alkaline  Laser line intensity (selectable) 100 %, 75 %, 50 %  Operating time with Li-lon optional up to 36 h (3 beam, 50 % power Operating time with Alkaline up to 25 h (3 beam, 50 % power) up to 25 h (3 beam, 50 % power Dimensions 124 x 107 x 154 mm (4.88 x 4.21 x 6.06 in)  Weight 781 g (1.71 lbs)  Operation temperature -10 to +50° C (14 to 122° F)  Storage temperature -25 to +70° C (-13 to +158° F)  Laser line width @ 5 m (16.4 ft) distance (2 mm (< 0.08 in)  Tripod thread 1/4 in (5/8 in with adapter)	Self-levelling time		
Levelling pendulum (lockable)  Laser 635 nm / class 2 (acc. to IEC 60825-1)  Protection class IP54 (dust and splash water)  Battery type 3xAA Alkaline Lino Li-lon battery pack 5200 mAh / 18.7 Wh or 3xAA Alkaline  Laser line intensity (selectable) 100 %, 75 %, 50 %  Operating time with Li-lon optional up to 36 h (3 beam, 50 % power Operating time with Alkaline up to 25 h (3 beam, 50 % power) up to 25 h (3 beam, 50 % power Dimensions 124 x 107 x 154 mm (4.88 x 4.21 x 6.06 in)  Weight 781 g (1.71 lbs)  Operation temperature -10 to +50° C (14 to 122° F)  Storage temperature -25 to +70° C (-13 to +158° F)  Laser line width © 5 m (16.4 ft) distance (2 mm (< 0.08 in))  Tripod thread 1/4 in (5/8 in with adapter)	Fine adjustment	± 10° around vertical intersection point	
Laser  635 nm / class 2 (acc. to IEC 60825-1)  Protection class  IP54 (dust and splash water)  Battery type  3xAA Alkaline  Lino Li-Ion battery pack 5200 mAh / 18.7 Wh or 3xAA Alkaline  Laser line intensity (selectable)  100 %, 75 %, 50 %  Operating time with Li-Ion  Optional  up to 36 h (3 beam, 50 % power)  Operating time with Alkaline  up to 25 h (3 beam, 50 % power)  Up to 25 h (3 beam, 50 % power)  Dimensions  124 x 107 x 154 mm (4.88 x 4.21 x 6.06 in)  Weight  781 g (1.71 lbs)  Operation temperature  -10 to +50° C (14 to 122° F)  Storage temperature  -25 to +70° C (-13 to +158° F)  Laser line width @ 5 m (16.4 ft) distance  ( 2 mm (< 0.08 in)  Tripod thread	Out-of-level warning	yes - blink lines every 5 s	
Protection class  Battery type  3xAA Alkaline  Lino Li-Ion battery pack 5200 mAh / 18.7 Wh or 3xAA Alkaline  Laser line intensity (selectable)  Operating time with Li-Ion  Operating time with Alkaline  Up to 36 h (3 beam, 50 % power)  Operating time with Alkaline  Up to 25 h (3 beam, 50 % power)  Up to 25 h (3 beam, 50 % power)  Dimensions  124 x 107 x 154 mm (4.88 x 4.21 x 6.06 in)  Weight  781 g (1.71 lbs)  Operation temperature  -10 to +50° C (14 to 122° F)  Storage temperature  -25 to +70° C (-13 to +158° F)  Laser line width @ 5 m (16.4 ft) distance  < 2 mm (< 0.08 in)  Tripod thread  1/4 in (5/8 in with adapter)	Levelling	pendulum (lockable)	
Battery type  3xAA Alkaline  Lino Li-lon battery pack 5200 mAh / 18.7 Wh or 3xAA Alkaline  Laser line intensity (selectable)  100 %, 75 %, 50 %  Operating time with Li-lon  Optional  Up to 36 h (3 beam, 50 % power)  Up to 25 h (3 beam, 50 % power)  Up to 36 h (4 b	Laser	635 nm / class 2 (acc. to IEC 60825-1)	
5200 mAh / 18.7 Wh or 3xAA Alkaline  Laser line intensity (selectable)  Operating time with Li-lon  Operating time with Alkaline  Up to 25 h (3 beam, 50 % power)  Up	Protection class		
or 3xAA Alkaline  Laser line intensity (selectable)  Operating time with Li-Ion  Optional  Up to 36 h (3 beam, 50 % power)  Operating time with Alkaline  Up to 25 h (3 beam, 50 % power)  Up to 25 h	Battery type	3xAA Alkaline	, .
Laser line intensity (selectable)  100 %, 75 %, 50 %  Operating time with Li-Ion  Optional  up to 36 h (3 beam, 50 % power)  Up to 25 h (3 beam, 50 % power)  Up to	<b>X y</b> ' / 0 <b>o</b>		·
Operating time with Li-Ion optional up to 36 h (3 beam, 50 % power Operating time with Alkaline up to 25 h (3 beam, 50 % power) up to 25 h (3 beam, 50 % power Dimensions $124 \times 107 \times 154 \text{ mm } (4.88 \times 4.21 \times 6.06 \text{ in})$ Weight $781 \text{ g } (1.71 \text{ lbs})$ Operation temperature $-10 \text{ to } +50^{\circ} \text{ C } (14 \text{ to } 122^{\circ} \text{ F})$ Storage temperature $-25 \text{ to } +70^{\circ} \text{ C } (-13 \text{ to } +158^{\circ} \text{ F})$ Laser line width @ 5 m (16.4 ft) distance $4 \text{ mm } (5/8 \text{ in with adapter})$ Tripod thread			
Operating time with Alkaline up to 25 h (3 beam, 50 % power) up to 25 h (3 beam, 50 % power Dimensions $124 \times 107 \times 154 \text{ mm } (4.88 \times 4.21 \times 6.06 \text{ in})$ Weight $781 \text{ g } (1.71 \text{ lbs})$ Operation temperature $-10 \text{ to } +50^{\circ} \text{ C } (14 \text{ to } 122^{\circ} \text{ F})$ Storage temperature $-25 \text{ to } +70^{\circ} \text{ C } (-13 \text{ to } +158^{\circ} \text{ F})$ Laser line width @ 5 m (16.4 ft) distance $ \times 2 \text{ mm } (\times 0.08 \text{ in})$ Tripod thread $1/4 \text{ in } (5/8 \text{ in with adapter})$	·		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		•	<u> </u>
Weight $781 \text{ g } (1.71 \text{ lbs})$ Operation temperature $-10 \text{ to } +50^{\circ} \text{ C } (14 \text{ to } 122^{\circ} \text{ F})$ Storage temperature $-25 \text{ to } +70^{\circ} \text{ C } (-13 \text{ to } +158^{\circ} \text{ F})$ Laser line width @ 5 m (16.4 ft) distance $<2 \text{ mm } (<0.08 \text{ in})$ Tripod thread $1/4 \text{ in } (5/8 \text{ in with adapter})$	1 2		
Operation temperature $-10 \text{ to } +50^{\circ} \text{ C } (14 \text{ to } 122^{\circ} \text{ F})$ Storage temperature $-25 \text{ to } +70^{\circ} \text{ C } (-13 \text{ to } +158^{\circ} \text{ F})$ Laser line width @ 5 m (16.4 ft) distance $ < 2 \text{ mm } (< 0.08 \text{ in})$ Tripod thread $1/4 \text{ in } (5/8 \text{ in with adapter})$	7.44		
Storage temperature $-25 \text{ to } +70^{\circ} \text{ C } (-13 \text{ to } +158^{\circ} \text{ F})$ Laser line width @ 5 m (16.4 ft) distance $< 2 \text{ mm } (< 0.08 \text{ in})$ Tripod thread $1/4 \text{ in } (5/8 \text{ in with adapter})$			
Laser line width @ 5 m (16.4 ft) distance $\langle 2 \text{ mm} (\langle 0.08 \text{ in}) \rangle$ Tripod thread1/4 in (5/8 in with adapter)		· · · · · · · · · · · · · · · · · · ·	
Tripod thread 1/4 in (5/8 in with adapter)		· · · · · · · · · · · · · · · · · · ·	
		, ,	
Pulse power for receiver yes	1	1/4 in (5/8 in with adapter)	
	Pulse power for receiver	yes	

<sup>\*</sup> Depending on lighting conditions





## **Product Data Sheet**

# Leica Lino L6R 3x360° red Multi Line Laser

#### **Scope of Delivery**



### Leica Lino L6Rs

Art. No. 918976

Leica Lino L6R, battery tray for Alkaline, 3xAA Alkaline batteries, target plate, quick start guide, Calibration Certificate Blue, pouch



#### Leica Lino L6R

Art. No. 912969

Leica Lino L6R, Twist 250 magnetic adapter, UAL 130 Wall mount adapter, Li-Ion battery pack, charger for Li-Ion battery pack, battery tray for Alkaline, target plate, quick start guide, Calibration Certificate Blue, hard case

#### **Accessory**

Lino Li-Ion battery pack 5200mAh / 18.7Wh	Art. No. 913012
Twist 250 magnetic adapter	Art. No. 866133
UAL 130 wall mount adapter	Art. No. 866131
TRI 70 tripod	Art. No. 794963
TRI 100 tripod with tiltable head	Art. No. 757938
CLR 290 clamp rod	Art. No. 761762
RGR 200 receiver	Art. No. 866090

### **Extended Warranty**



Register your product within 8 weeks of purchase at www.disto.com and benefit from our 3-year warranty, respectively 2-years warranty on Li-Ion batteries.

Dealer Stamp

 $\Gamma$ 

L



