

## Veinlite® LEDX, Veinlite LED, Veinlite EMS and Veinlite PEDI

TransLite, LLC, offers four portable transilluminators for assisting vein access. These devices all use TransLite's patented side-transillumination method for imaging veins anywhere on the body. A unique C-shaped ring design gives uniform illumination of a small region of tissue. To achieve the best contrast for vein imaging, bright orange light (for strong illumination) is combined with a darker red light (for deeper penetration and darkly pigmented skins). Veinlites not only help find the vein, they also hold it in place, prevent it from rolling and stretch the skin for easy access without a tourniquet. Custom designed light shields snap on to the units to block bright overhead light which can interfere with the transillumination technique. Pediatric or neonate adapters can be used to cone down the light area for use with infants or neonates. All models come with latex free, single-use plastic covers to prevent cross contamination between patients.

### Veinlite LEDX

Veinlite LEDX is our most powerful hand-held device designed for general vein access in adults and children. It has the largest field of view of all portable Veinlites and is the most suitable portable model for use during sclerotherapy. It is rechargeable and has 32 LEDs (24 orange and 8 red). Two switches are used to select either or both colors for optimum vein imaging in all skin types. The Veinlite LEDX kit includes disposable plastic covers, battery charger, a snap-on pediatric adapter and a snap-on light shield attachment. A carrying case with belt clip is available as an optional extra.

### Veinlite LED

The model most widely used in hospitals, Veinlite LED is designed for general vein access in adults, children and infants. It is rechargeable and has 24 LEDs (12 orange and 12 red). Two switches are used to select either or both colors for optimum vein imaging in all skin types. The Veinlite LED kit includes disposable plastic covers, battery charger, a snap-on pediatric adapter and a snap-on light shield attachment. A carrying case with belt clip is available as an optional extra.

### Veinlite EMS

The most popular model with fire departments and on ambulances, the Veinlite EMS is a simpler version of the Veinlite LED and uses 16 LEDs (12 orange and 4 red). It is a lower cost option for vein access in adults, children and infants. It is well suited to mobile emergency response teams. The Veinlite EMS uses 2 AA alkaline batteries and has a single switch to illuminate both orange and red LEDs. The Veinlite EMS kit includes disposable plastic covers, 2 AA batteries, a snap-on pediatric adapter and a snap-on light shield attachment. A carrying case with belt clip is available as an optional extra.

### Veinlite PEDI

Designed for the NICU, the Veinlite PEDI is our smallest vein transilluminator. It is designed for neonates (including preterm) and infants. The Veinlite PEDI has 12 LEDs (8 orange and 4 red) and one CR2 lithium battery. Two switches allow for selection of either or both colors for optimum vein imaging in the smallest patients. A snap-on neonatal adapter is designed to shine six closely packed LEDs through a small opening for safe through-the-body transillumination of hands, feet and limbs in neonates. The Veinlite PEDI kit includes disposable plastic covers, CR2 battery, a snap-on neonatal adapter and a snap-on light shield attachment. A detachable lanyard is available as an optional extra.

Comparison of Veinlite LEDX, Veinlite LED, Veinlite EMS and Veinlite PEDI				
Features	LEDX	LED	EMS	PEDI
Application	Vein Access in Adults and older Children, also for Sclerotherapy	Vein Access in Adults, Children and Infants Hospital model	Vein Access in Adults, Children and Infants Ambulance model	Vein Access in Neonates and Infants (max. age 24 months) NICU model
Number of LEDs	32	24	16	12
Color of LEDs	Orange (24) + Red (8)	Orange (12) + Red (12)	Orange (12) + Red (4)	Orange (8) + Red (4)
Color Selection	Yes	Yes	No	Yes
Number of Switches	2	2	1	2
Ring Diameter (mm)	31	21	21	14
Battery Charger	Yes	Yes	No	No
Batteries	Rechargeable Lithium	Rechargeable Lithium	2 AA Alkaline	CR2 3V Lithium
Battery Run Time (min)	130/160 (32/24 LEDs)	250/350 (24/12 LEDs)	360	200
Pediatric Adapter	Included	Included	Included	Neonate Adapter Included
Light Shield	Included	Included	Included	Included
Dimensions (mm)	102 x 65 x 24	95 x 55 x 21	115 x 55 x 21	67 x 42 x 21
Weight Including Battery	83g	71g	108g	41g

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