



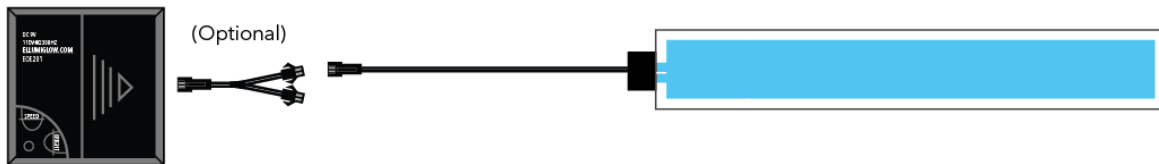
SPEC SHEET: VynEL™ FLOW LIGHT STRIP

The VynEL™ Flow Strip Light is the worldwide release of VynEL™, a remarkable light strip that allows you to #AddLightAnywhere. Its extremely flexible nature allows for a multitude of uses, from wearables, consumer goods, sporting goods, safety and much more. The heat bondable backing allows it to bond directly to many types of textiles by applying heat (80-125C) and pressure (40-60PSI) for about 10-30 seconds. The Flow's proprietary material is about half the thickness of the HD material (0.4mm vs 0.8mm), which allows the product to stretch approximately 10%. Custom no-sew bonding solutions are available by special order to meet the needs of virtually any fabric or textile. Custom sizes, shapes and colors are available. Please contact us for more details regarding customization.

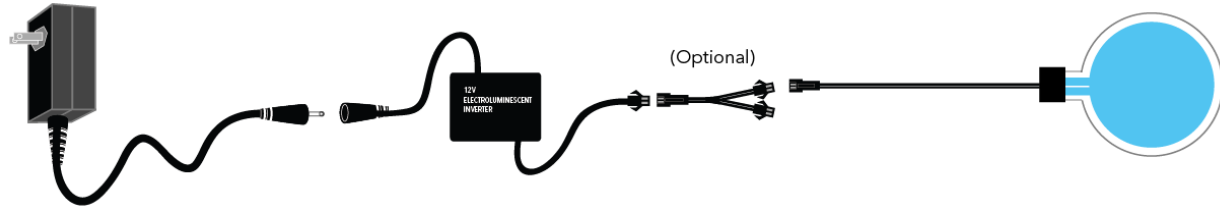
SKU	COLOR OPTIONS	Optimal Voltage/Frequency	Luminescence (Candela/m ²)	POWER	VOLTAGE	SIZE
VNF001	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m ²	1.0W/pc	90-150 VAC	200 x 10mm
VNF002	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m ²	1.4W/pc	90-150 VAC	200 x 25mm
VNF201	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m ²	0.6W/pc	90-150 VAC	30mm DIA
VNF202	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m ²	0.8W/pc	90-150 VAC	70mm DIA

WIRING DIAGRAM

BATTERY OPERATION



WALL (AC) OPERATION



Product Features:	Product Specs:
Extremely Flexible	Brightness: 300-400cd/m ²
Add Light To Nearly Anything	Heat Tolerance: -20C - 80C
Heat Bond Directly To Fabrics	Min Bend Dia: 3mm
2-4x Brightness Over Most EL Tape	Phosphor Half Life: 2600 HRS
Semi-Stretchable Material Contours to take the form of material	Storage: <20% Humidity - Storage Temp: <10-40C
Small Bending Radius	Material: EVA



FAQ

- **What are VynEL™ FLOW Strips?**
VynEL™ Panels or Strips derive from EL Tape or Electroluminescent Tape, but has additional properties which provide a multitude of uses. VynEL™ FLOW is an extremely flexible, heat bondable light which take the shape of any number of products. From fabrics, textiles, walls, and more, VynEL™ allows for an integrated light just about anywhere you see fit. The bending radius is a mere 5mm, which is about 10x better than typical EL Tape. Next, application is simple. For fabrics or textiles, it can be sewn or heat bonded directly into fabrics. Because we've removed the stiffer metal backing that EL Tape typically has, it allows the product to take the shape of other objects, not the other way around. It's water resistant in nature so it's capable of being worn, or embedded on any number of objects.
- **What is does FLOW mean?**
The VynEL™ FLOW product line is wonderfully versatile product meant for numerous applications. It has a thin composition and has a small amount of stretch, capable of active wear products, even outerwear, sporting goods, or outdoor products.
- **Does VynEL™ Need An Inverter?**
Yes. At its core, VynEL™ is still an Electroluminescent product, and it needs a high frequency to make it work. The way we've designed the materials, allows VynEL™ strips to be powered from Parallel EL Inverters. We recommend a custom inverter for clothing applications. This cuts down on the noise caused by off-the-shelf inverters up to 90% and keeps the inverter operating at optimal range.
- **Why Use VynEL™ over a regular EL Panel or EL Tape?**
VynEL™ gives you the ability to integrate lighting into countless applications; Tents, sporting goods, athletic wear, and more.
- **Can VynEL™ Panels Be Cut?**
Yes, VynEL™ Panels can be cut, however we recommend NOT cutting VynEL™ panels for best and longest lasting results. Rather than cutting, we recommend making custom shapes and sizes at the manufacturing level.
- **Can VynEL™ Strips or Panels Be Customized?**
Yes, VynEL™ Panels can be customized to nearly any shape size or color, including logos or graphical overlays. Please visit <http://VynEL.tech> for more information on the complete VynEL™ product line. Please contact us directly for any custom inquiries.