SPEC SHEET: VynEL™ HD A3-A5 SIZE LIGHT PANEL

The VynEL™ Panel is our DECAL line of panels. It's super flexible in nature, about 2x the brightness over common EL Panels, and can peel and stick to many hard surfaces, making it an ideal choice for window displays, or applying light to curved surfaces. Decal comes with a removable film on the FRONT (lit side). By removing the film, it allows you to stick directly to windows or hard surfaces to create great advertisements, and more. We recommend removing this film by taking a small piece of scotch tape on the corner of the film and lifting up. The adhesive front is strong enough to hold on many surfaces.
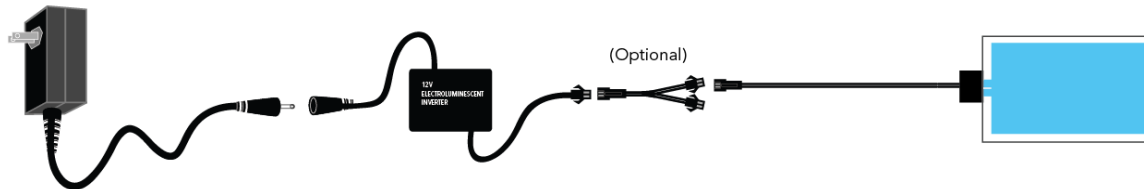
Size	SKU	COLOR OPTIONS	Optimal Voltage/Frequency	Luminescence (Candela/m^2)	VOLTAGE	RATING
A3 (12x17")	VYN501	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m^2	90-150 VAC	IP65
A3 (12x17")	VYN504	White (Pink Off)	110V@ 600Hz	250cd/m^2	90-150 VAC	IP65
A4 (8x11.5")	VYN511	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m^2	90-150 VAC	IP65
A4 (8x11.5")	VYN514	White (Pink Off)	110V@ 600Hz	250cd/m^2	90-150 VAC	IP65
A5 (6.25x8.75")	VYN521	Vibrant Blue (TEAL)	110V@ 600Hz	300cd/m^2	90-150 VAC	IP65
A5 (6.25x8.75")	VYN524	White (Pink Off)	110V@ 600Hz	250cd/m^2	90-150 VAC	IP65

WIRING DIAGRAM:

BATTERY OPERATION

PLUG-IN OPERATION

Product Features:	Product Specs:
Extremely Flexible	Dimensions: Above
Add Light To Nearly Anything	Heat Tolerance: -20C – 80C
Sew Or Heat Bond Directly To Fabrics	Min Bend Dia: 5mm
2-4x Brightness Over Most EL Tape	Lifespan: Half Life: 2600 HRS General Lifespan 5-7k HRS
Even Light Output	Storage: <20% Humidity - Storage Temp: <10-40C
Small Bending Radius	Material: Proprietary TPU

FAQ

- What is VynEL™ HD Mean?
  The VynEL™ HD (Heavy Duty) product line is wonderfully versatile product meant for numerous applications. It has a super cool textured finish (which we love) and meant to be used in heavier duty applications, like outerwear, sporting goods, or outdoor products. VynEL™ Panels or Strips derive from EL Tape or Electroluminescent Tape, but has additional properties which provide a multitude of uses. VynEL™ HD is extremely flexible, which makes it 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 placed on any number of objects.

- Does VynEL™ HD 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™ to be powered from Parallel EL Inverters.
- Can VynEL™ HD Be Cut?
  Yes, VynEL™ HD 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. For custom VynEL™ panels, please contact us.
- Can VynEL™ HD Be Customized?
  Yes, VynEL™ Panels can be customized to nearly any shape size or color, including graphical overlays. Please visit http://VynEL.tech for more information on the complete VynEL™ product line. Please contact us directly for any custom inquiries.