

middle of making an awesome LED Belle costsume (https://www.youtube.com/watch?y=NoQBmPN-CHkM) and my next costume will be a little girls Cinderella costsume. I'm still using LED and EL Wire in Cinderella but I'd love to do the swags on her hips out of fiber optic fabric. (you know gotta keep raising the bar!) I just don't think the black will look right but I can Defiantly make the white work!

Felix3 / about 4 years ago / 🖈 1

How powerful an LED can you apply to this fabric? I'm rather curious what it would look like with say a 3W RGB LED attached...

Sraf / about 4 years ago / * 4 botics was helping out with a MakeFashion show, they tried what you want to do, here's a small clip of the results http://instagram.com/p/kn_m8tkKmi/#

"This time, Tony Grimes dropped in to experiment with his fiber-optic cloth from SensingTex as an illuminating surface, but the included 5mm LED was not dazzling enough. Time to hack in our 3W RGB Star Controller! The plan was to shift the colors to change the overall color of the fabric, but is serendiptiously didn't work. Shifting the optical pickup across the lens of the LED split the light from the individual red, green, and blue elements to to different strands of the fiber optic cloth, making for a wicked speckled rainbow effect." -https://solarbotics.com/

■ Hygea / about 3 years ago / ★1 Doesn't the 3w led get kinda hot? Isnt there a possibility that the fiber opics will melt if they're too

Felix3 / about 4 years ago / ★ 1

Brilliant, thanks Sraf!



In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his and, in lieu of a way to order leasy replacements, deduced to start into own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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