

Solar-powered LED light made of bottles

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Solarbulb will come in a variety of colors and screw onto a typical water or soda bottle to diffuse the light. Image credit: miniWIZ.

(PhysOrg.com) -- The Solarbulb, a new lighting gadget from miniWIZ, doesn't exactly come with all parts included: you have to add your own water or soda bottle. The LED Solarbulb screws onto just about any leftover plastic bottle, which uniquely diffuses the light for either indoor or outdoor locations.

miniWIZ recently debuted the Solarbulb at this year's CES. The lamp charges in about three or four hours of direct sunlight, and then the 0.18-watt solar cells provide six hours of LED lighting. The lamp, covered in a weatherproof UV-ABS casing, has an adjustable head that can easily be turned to face the sun. A sensor switches the light on when it detects darkness, so the lamp doesn't waste energy during the day.

By filling the bottle up with water, users can further amplify the light, and also weigh it down in windy locations. The company hopes that the solar-powered 0.07-watt high-output LEDs with a magnifying lens will

provide an energy-efficient and visually appealing alternative as outdoor walkway lights and other applications.

The Solarbulb is not yet for sale, but is expected to cost about \$25 and come in a variety of colors.

More information: Miniwiz.com

via: Ecogeek.com

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