

TRANSLUCENCY

3D PRINTED SEISMIC LED LIGHT IS MADE FROM RECYCLED POLYMER





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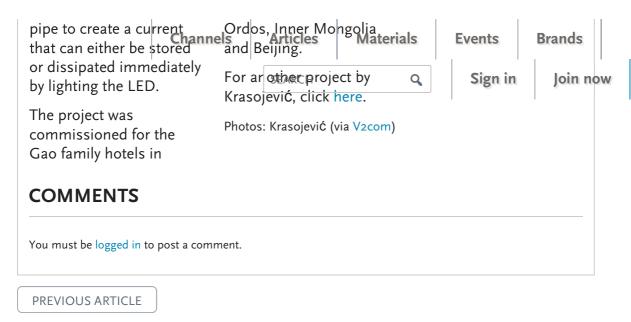
Architect Margot
Krasojević created a 3D
printed, spiral shaped
LED light, which structure
responds to seismic
movement in its
environment. The lamp, a
net made from recycled
polymer, gives the illusion
of intensifying the emitted
light.

When charged, the LED light is visible for 3 metres in a dark room. Through the light, a pipe is inserted for stability, which holds a series of magnets and a copper

coil to induce an electrical current. The 3D printed net resonates and amplifies kinetic energy, transforming it into electrical current, which lights the series of LEDs embedded within the lamp shade.

The net's spiral envelope is constructed from a flexible, slightly transparent, recycled polymer, which geometry intensifies its movement. This displacement also moves the magnets inside the supporting





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