

PHOTONICS FOR FASHION & DESIGN

Application potentials for a Luxury Brand

EPIC Meeting - Sustainable Textiles, Wearables, Fashion and Design

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SWARONSKI



Mastery of light



"WE CREATE A MORE SPARKLING WORLD - TURNING LIGHT INTO DELIGHT SINCE 1895"



3D Printing @Swarovski

Design



Casting

Metal parts

Jewelry

■ 3D Glass Printing

Post-Processing





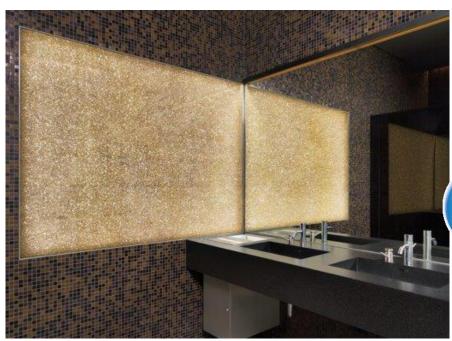


Decorative functional foils



Horizon 2020 PHABULOUS: Free-form micro-optics

Free-form micro-optics for micro-structured foils and panels with gemstone appearance







Active Panel combines the luminous power of 200,000 crystal per square meter with a backlighting of special LEDs.

© Swarovski

https://phabulous.eu

Hexagon Panel is an homage to the world-famous honeycomb design that has sparkled on spectacular facades all over the world.

© Swarovski





Printed Electronics

4 different application scenarios











Horizon 2020, 814485







- 1 Swarovski Misfit Shine Activity Tracker (2015) 2 Color-changing Swarovski crystals on Tory Burch Dress (New York Met Gala 2016)
- 3 "Unda" installation by Anjali Srinivasan (Design Miami/Basel 2016) 4 Mercedes Benz S-Class Coupé headlamps with Swarovski crystals (2014)



Printed Electronics



Horizon 2020 BEWELL: Evolution of design & prototypes



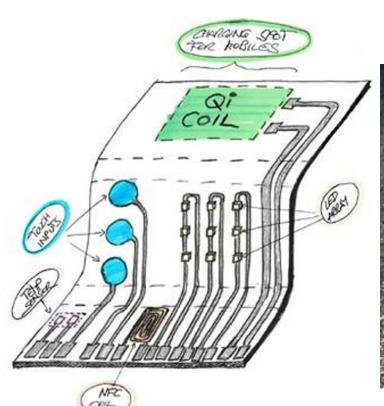




Printed Electronics

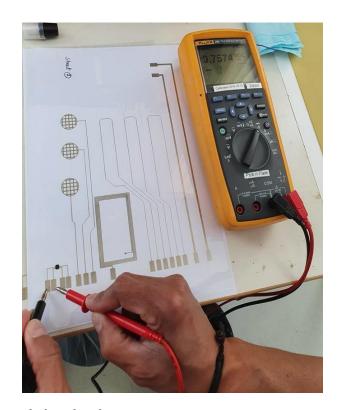


Horizon 2020 LEE-BED: Prototyping with DTI & RISE Pilot lines (Inkjet & S2S)









https://lee-bed.eu

Open Innovation Test Bed for Lightweight Embedded Electronics



Questions & contact



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