



## Luxury

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

Pilot Line Use Case by Swarovski



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

Free-form surface micro-structuring can provide high brilliance for foils and panels, expanding design freedom and opening the door to new designs. Swarovski, world leading manufacturer of luxury crystal components, is one of the use cases of PHABULO $\mu$ S. The large-area roll-to-roll (R2R) and roll-to-plate (R2P) replication technologies offered by the PHABULO $\mu$ S line are very interesting for large-area products (for e.g. interior walls). The  $\mu$ -structures can be replicated with high quality and cost-effectively. Swarovski is the perfect partner to support and test this specific application. They will define requirements for project demonstrators, provide their input on tooling and mastering and support the validation process. Swarovski has a Light Engineering Lab and internal Analytics Lab equipped with all necessary analysis and measurement devices to conduct relevant surface characterization tests.

Stay up to date on the progress of this use case and follow us on social media, visit our website and register for our newsletter.



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