



DUNE

COLLECTION



Contact

ROLLO BRYANT

+31 621485253

info@rollostudio.com

rollostudio.com

[@rollo__studio](https://www.instagram.com/rollo__studio)

VAT | NL0033.42.628B98

KVK | 78528828

STUDIO

Rollo Studio is a design brand at the forefront of the industry, utilizing cutting-edge digital software and additive manufacturing technology to create sustainable and innovative lighting products. Our offerings include unique 3D-printed ambient lighting, sculptural floor and table lamps, LED lighting fixtures, and futuristic organic lamp shades for both retail and commercial applications. We employ experimental design concepts and digital sculpting techniques to craft products that cater to contemporary and futuristic societies. Our recent works have been showcased at prestigious design exhibitions, fairs, and events, such as Dutch Design Week, Venice Design Biennial, Collectible Fair, and Art Basel Miami.

At the heart of our work lies the principle of biomimicry, which involves studying and imitating the designs and processes of nature to create functional and aesthetically pleasing products. We specialize in crafting contemporary lighting pieces for interior design that employ organic geometry and earthy materials. Our focus is on creating ambient sculptural lights for modern interiors, using Bavarian Quartz sand to shape each lamp's elegant and organic form and produce a soft and warm glow. We like to describe our approach as "craft in the digital age," as we meticulously produce bespoke high-end interior fixtures by collection.



DUNE COLLECTION

INTRO

The Dune Collection is a unique and elegant series of 3D printed lighting fixtures, inspired by the captivatingly formed desert landscapes. Each lamp is meticulously crafted using advanced 3D printing technology and carefully selected quartz sand, resulting in exceptional detail and surface finish that evokes the beauty of natural formations. The sand material used in the production process diffuses the light output, creating an ambient red glow that perfectly reflects the soft haze of dusk in the barren desert landscape.

These lamps not only serve a functional purpose but also function as statement pieces that enhance the overall aesthetic of any contemporary interior. Produced by a small design studio, each piece in the Dune Collection is imbued with meticulous attention to detail and a deep commitment to artistic design, making them a testament to the studio's dedication to pushing the boundaries of what's possible in lighting design.

With their organic nature and elegant forms, these lamps are the perfect addition to any modern space, serving as a reminder of the delicate beauty of natural landscapes in our modern world. The collection is ongoing and will soon include wall-mounted and hanging lamps, offering a diverse range of lighting solutions.



Partners

Sandhelden
 Daimlerstraße 22, 86368
 Gersthofen,
 Germany

PROCESS

Consisting of 98% Bavarian quartz sand, the resulting objects are impressively durable considering their delicate appearance. A natural resin binder is impregnated after the printing process to further strengthen the structure, while preserving its original colour and texture.

Even with some of the most advanced production technology, realising these pieces physically has seen many challenges... Until recently, producing objects with this kind of geometry, at scale and from aggregate material, would have been near impossible. However, some incredible work by the team at Sandhelden have allowed these boundaries to be pushed, and opened up some remarkable design possibilities.

SUSTAINABILITY

At the studio, we are dedicated to producing lighting that not only delights the senses, but also respects the environment. We believe in the power of design to make a positive impact, and that includes using sustainable materials and production methods. That's why we use 3D printing technology to create our lighting pieces. This allows us to minimise waste by using only the necessary amount of materials, as well as recycle excess material to reduce our environmental footprint. Furthermore, 3D printing allows us to achieve a level of precision and intricacy that would not be possible with traditional manufacturing methods. We're also proud to use sand, a renewable resource, in the creation of our Dune Collection. By harnessing the natural beauty of sand formations, we're able to create stunning lighting pieces that celebrate the earth and the unique beauty of the natural world.

<i>Name</i>	<i>Barchan Dune</i>
<i>Code</i>	<i>BD_FL_03</i>
<i>Function</i>	<i>Ambiant Floor Lamp</i>
<i>Released</i>	<i>05 / 2023</i>
<i>Material</i>	<i>Quartz Sand</i>
<i>Finish</i>	<i>Burnt Maroon</i>
<i>Dimensions</i>	<i>260 x 202 x 970 mm</i>
<i>Weight</i>	<i>8.7 kg</i>
<i>Light Source</i>	<i>Custom LED Core</i>
<i>Colour Temperature</i>	<i>2200K</i>
<i>Voltage</i>	<i>240V / 120V</i>
<i>Plug</i>	<i>EU</i>
<i>Production Method</i>	<i>Binder Jet 3D Printing</i>
<i>Production Place</i>	<i>Munich, Germany</i>
<i>Production Type</i>	<i>Batch</i>
<i>Availability</i>	<i>In Stock</i>

BARCHAN









<i>Name</i>	<i>Dome Dune</i>
<i>Code</i>	<i>DD_TL_02</i>
<i>Function</i>	<i>Ambiant Table Lamp</i>
<i>Released</i>	<i>05 / 2023</i>
<i>Material</i>	<i>Quartz Sand</i>
<i>Finish</i>	<i>Burnt Maroon</i>
<i>Dimensions</i>	<i>205 x 163 x 482 mm</i>
<i>Weight</i>	<i>3.8 kg</i>
<i>Light Source</i>	<i>18W LED E27 Bulb</i>
<i>Colour Temperature</i>	<i>2200K</i>
<i>Voltage</i>	<i>240V / 120V</i>
<i>Plug</i>	<i>EU</i>
<i>Production Method</i>	<i>Binder Jet 3D Printing</i>
<i>Production Place</i>	<i>Munich, Germany</i>
<i>Production Type</i>	<i>Batch</i>
<i>Availability</i>	<i>In Stock</i>

DOM E







<i>Name</i>	<i>Para Dune</i>
<i>Code</i>	<i>PD_FL_01</i>
<i>Function</i>	<i>Ambiant Table Lamp</i>
<i>Released</i>	<i>05 / 2023</i>
<i>Material</i>	<i>Quartz Sand</i>
<i>Finish</i>	<i>Burnt Maroon</i>
<i>Dimensions</i>	<i>205 x 163 x 482 mm</i>
<i>Weight</i>	<i>3.8 kg</i>
<i>Light Source</i>	<i>18W LED E27 Bulb</i>
<i>Colour Temperature</i>	<i>2200K</i>
<i>Voltage</i>	<i>240V / 120V</i>
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<i>Production Place</i>	<i>Munich, Germany</i>
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PARA









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Zaagmolenstraat 127A,

3036HH, Rotterdam,

The Netherlands