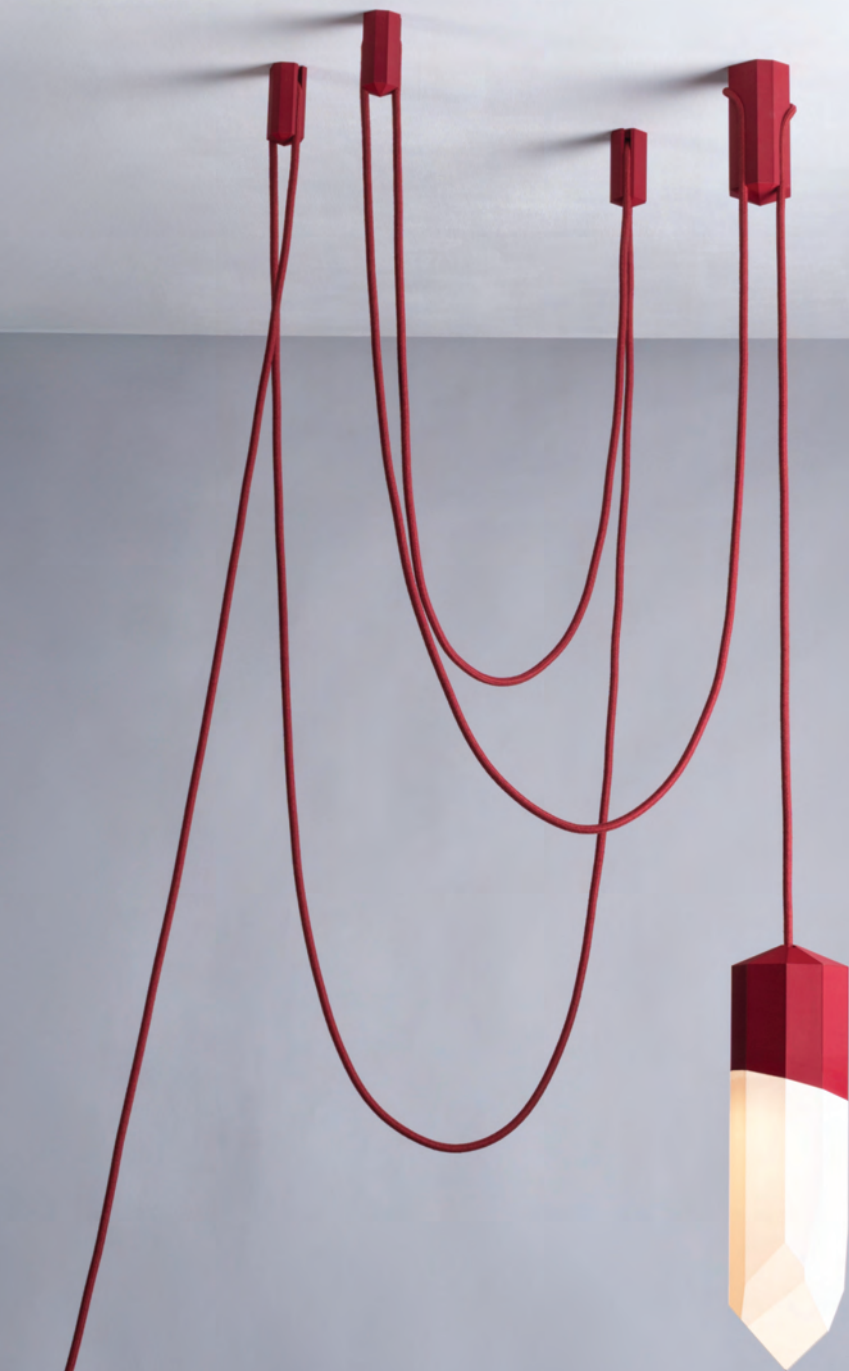




S H A R D O F L I G H T





SHARD OF LIGHT

The Shard of Light was born out of a desire to embrace 3D printing as a viable production material, and create a range that is far more accessible to a younger up-and-coming South African middle class who may feel inspired by the dream of living a contemporary, design-conscious lifestyle, but who are perhaps not yet in a position to invest in more conventionally produced and subsequently higher priced homeware.

To achieve this, the light was designed to be 3D printed on standard FDM 3D Printers which are on their way to becoming a far more common process. It's powered by a plug (no electrician needed - perfect for renters) and standard electrical components that are readily available from most hardware stores



DESIGN LANGUAGE

It's not easy coming up with a new design style for lighting - there are so many pioneers that have paved the way with well-known, iconic pieces. So our approach was to go back to basics - keep it minimal, but draw on the lines, shapes and forms that have become the hallmark of the Hoi P'loy lighting range. We frequently work with strong geometric forms such as hexagons, which were inspired by the chiseled angles of our logo.

For the Shard of Light, we wanted to break up the symmetry, so we started with an Octagon, and then offset the lines to create balance between the irregular and the structured. It's the ultimate step forward for the Hoi P'loy brand and echoes the futuristic spirit of the 3D printing production process.

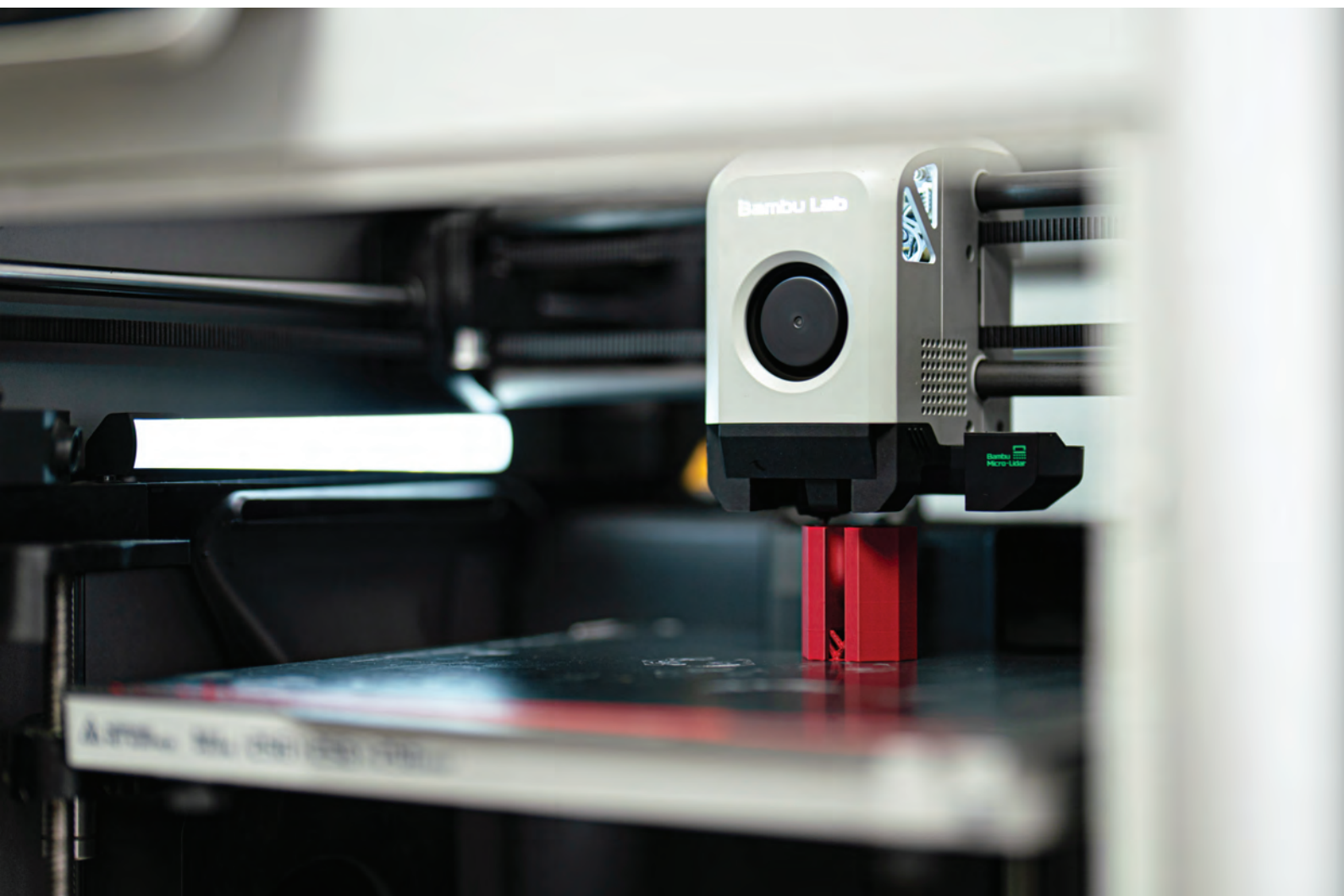
EMBRACING NEW TECHNOLOGY

Since Hoi P'loy's inception, we've made use of 3D printing as an integral part of our production process. However, up until recently, we've limited its usage to prototyping and, on rare occasions, minor internal components hidden from view. The problem has always been that 3D printed items have traditionally looked a bit amateurish, and this combined with long print times and garish colors meant they were mostly not something we could pass off as a commercially viable product.

So how did we overcome these shortfalls?

The first thing we did was invest in one of the best consumer-grade 3D printers — the Bambu Lab X1 Carbon. This printer works at a phenomenal speed and with a level of precision that is worthy of a production-level part.

The second step was partnering with a leading 3D filament supplier to stock a tasteful range of subtle matte PLA colors that elevate the aesthetics of any 3D-printed item.



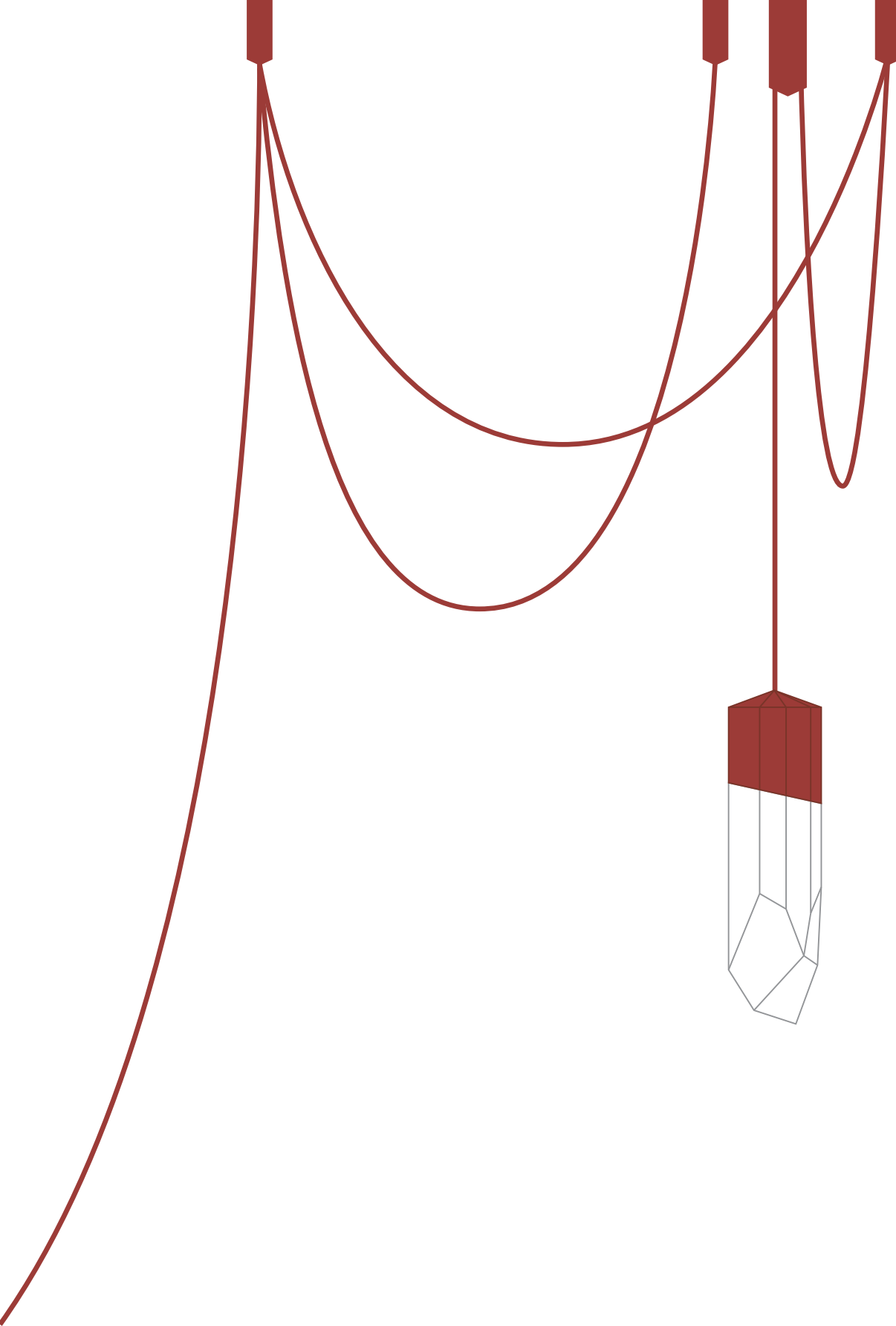


ADVANCEMENT & SUSTAINABILITY

3D printing has traditionally been overlooked as a credible manufacturing process for quality finished products. We, too, have previously used it primarily for prototyping and internal components. However, this design marks a turning point — we have embraced 3D printing as a final material, selecting high-end printers and carefully curated colour filaments to create a product that feels refined, intentional, and complete.

We are the first to offer anything like this in South Africa, and that makes us proud. Our approach to sustainability has always centered on longevity, recyclability, and repurposing. With this range, we push that philosophy further, utilising PLA — a renewable, biodegradable, and non-toxic plant-based plastic. The minimal production processes involved also contribute to a lower overall carbon footprint.

Through this project, we are not only redefining what is possible in lighting design but also demonstrating how innovation, sustainability, and accessibility can coexist in a single, beautifully crafted piece.



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