

3D Printing
by @signify

Unleash your inner creator



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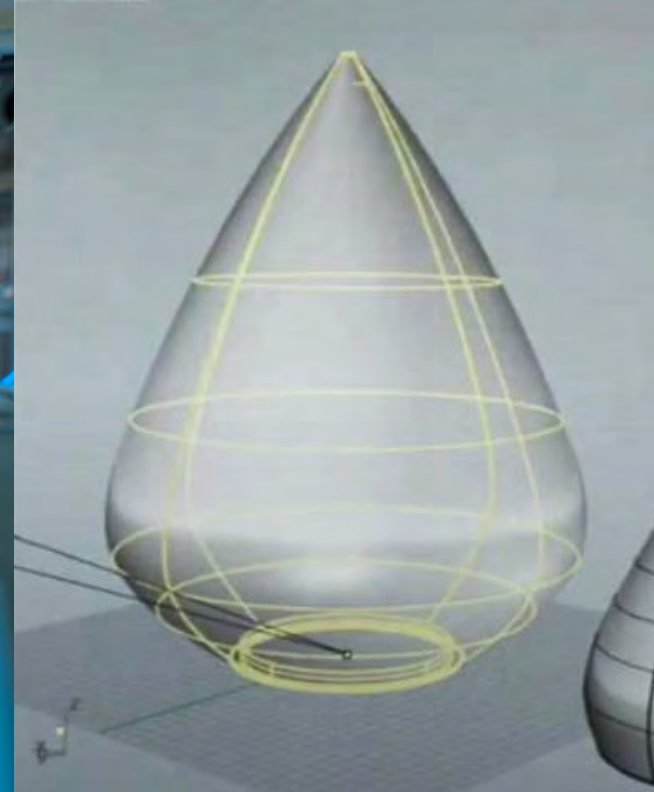
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Indoor

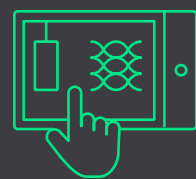
3D Printed
Luminaires





Forging the cutting edge

Signify, the world leader in lighting, is transforming the lighting industry with revolutionary 3D printing technology. These customizable solutions allow you to create tailored luminaires at a fraction of the cost of traditional bespoke lighting, while also contributing to a more sustainable future.



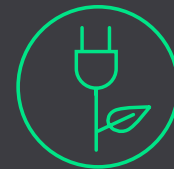
With 3D-printed luminaires, you can customize any design to uniquely fit your needs by selecting from a variety of options, such as the shape, pattern, color and size.



Our method of 3D printing luminaires shortens the tailored manufacturing process from development through installation, from a matter of months to a matter of weeks.



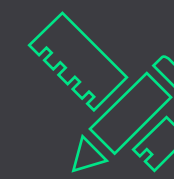
Local manufacturing and assembly in the United States allows for quicker delivery times. At the end of its useful life, the polycarbonate material can be shredded and re-used between five to seven times.



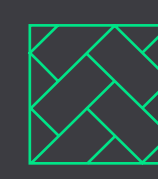
Signify is skilled in the development and manufacturing process of quality material that has a high impact rating, allowing for a strong, innovative, and energy-efficient lighting solution for any application.

Bespoke design for everyone

Take customization to the next level by creating your own design. 3D printing removes heavy metal from the luminaire manufacturing process to allow for personalized, bespoke fixtures. Customers can work directly with Signify's Design Team to create their own unique designs from scratch, or choose from our customizable, pre-designed luminaire series. Here is the process:



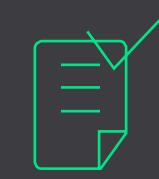
Define your requirements



Review our CAD design



Make desired alterations



Approve your design



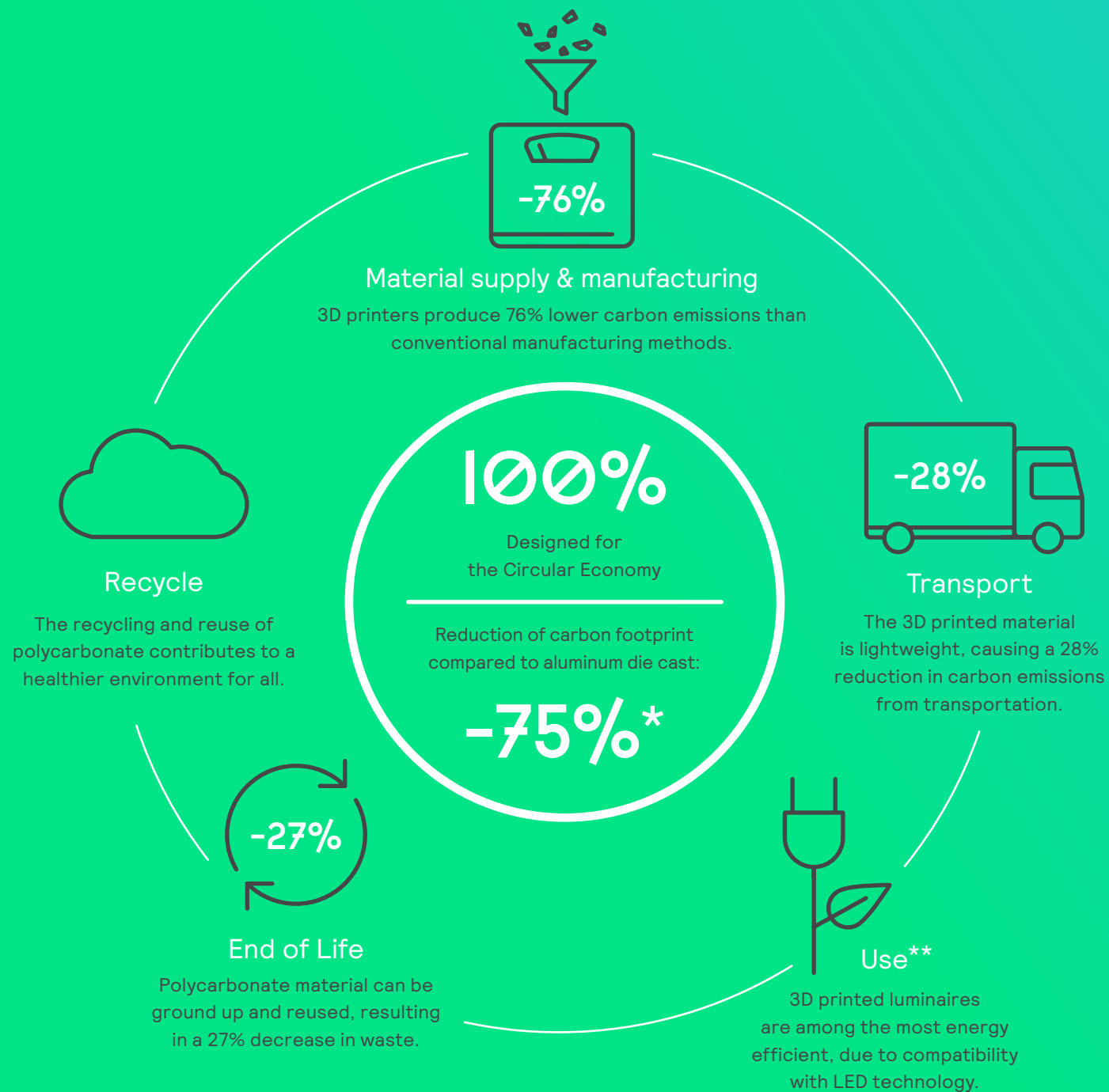
We print and ship to you in weeks

In addition to designing your own shade, we offer the ability to emboss your brand's logo onto the shade's surface. Perfect for elevating your brand visibility and creating a memorable guest experience in your spaces.



Sustainability at the core

We produce our 3D Printed Luminaires in a way that minimizes waste and accelerates the Circular Economy. We use a 100% recyclable polycarbonate material, allowing our luminaires to be shredded and reused to print more luminaires.

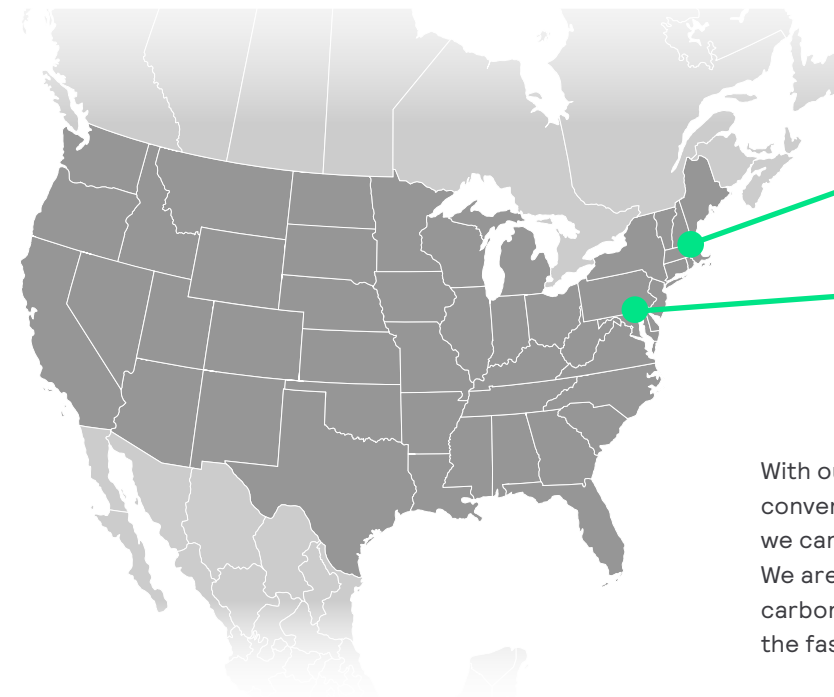


* 75% reduction of carbon emissions from 3D printing, only compared to traditional downlights made from aluminum die cast. Only includes material supply, manufacturing and transport phases.

** The use phase, though having the highest impact during the life cycle, is excluded as it is the same between the 2 compared products.

Data based on comparison of a traditionally manufactured downlight using a die casted housing with a 3D printed downlight in polycarbonate. Data for other products will vary.

American made & shipped



3D Printing Operations
Burlington, MA

3D Printing Factory
Littlestown, PA

With our 3D Printing Factory and Operations facility located conveniently along the East Coast of the United States, we can domestically produce and deliver your luminaires. We are effectively cutting out overseas shipping to reduce carbon emissions and accelerate your delivery time, among the fastest for customized products.

As of the date of this document, our 3D Printed Luminaires meet the domestic preference requirements of the **Buy American Act of 1933 (BAA)**. Prior to ordering a product, you should confirm the product's current compliance. Please [click here](#) to view a current list of BAA-compliant products.

Pictured: Littlestown, PA facility





Low Bay - Small

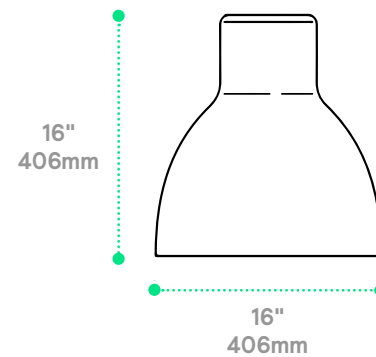
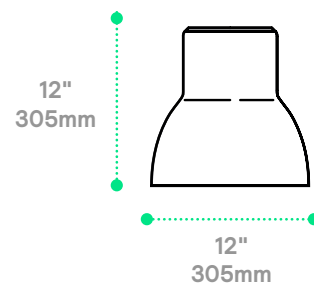
Low Bay - Large

Low Bays - BA L Series

These integrated, decorative fixtures are equipped with powerful LED engines that project the same power as downlighting. No ceilings? No problem. With plenty of light output, and a range of styles, our low bay will light your space evenly. Mix and match from our unique textures and optic combinations to create a signature style for office, retail, and hospitality applications.

Specifications

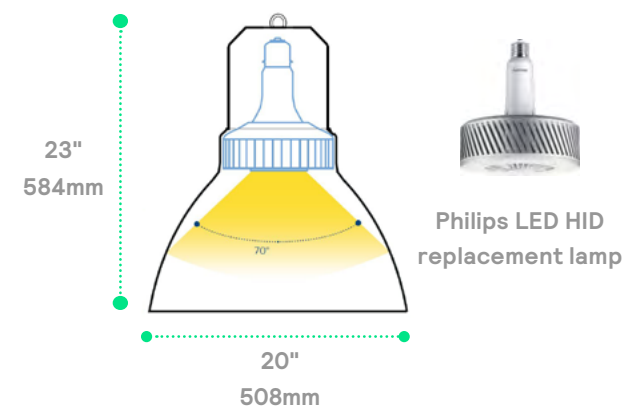
- Over 870,000 unique combinations of optical configurations, and possibilities to customize the reflectors
- Outer casing: 18 color options, 2 opaque textures or 4 transparent textures to choose from, all made of polycarbonate material
- Possibility to customize the inner shade with 7 colors and 3 patterns
- 90 CRI; 2700K-4000K CCT; 1,000 to 7,500 lumens



BA L, Floral Reflectors

High Bay - PM Series

Big output, tiny input for your high ceilings and large-scale lighting needs. Select from 8,500 to 25,000 lumen Philips LED HID replacement lamps, or choose your own lumen levels from a variety of alternative options. The PM Series' lightweight yet durable polycarbonate construction reduces likelihood for damage and helps ease handling during installation.



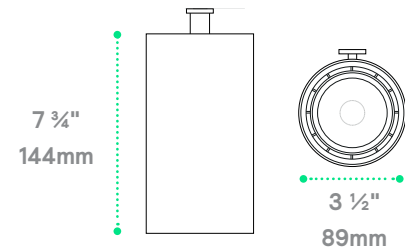
Specifications

- A wide variety of optical configurations and possibilities to customize the reflector, with logos available
- Outer shade: 6 different transparent color options
- Top component: 4 different opaque color options
- LED lighting modules from 8,500, 20,000 and 25,000 lumens
- 80 CRI, Color Temperatures from 4000K to 5000K



Track – MS Series

Even the most innovative stylists maintain a few key basic pieces, and in lighting, every retailer needs a collection of essential spotlights for track applications. 3D Printed Track, MS Series provides a wide variety of configuration options, perfectly suited for commercial, retail and hospitality uses.



Specifications

- Flux from 600, 1100, to 2300 lumens
- Variety of beams, from 17° to 60°
- 12 colors to choose from
- Tight hinge design allows for a clean mounted look
- Lightolier Track Adapter



Albert Heijn



Pendants – RD Series Cylinders – PD Series

Easily design and swap out these stylish RD Series pendants to refresh your theme concept, or match seasonal promotions without changing the entire fixture, using our quick exchange technology and 7 unique shapes.

A classic PAR38 cylinder, our PD Series, with new surface textures and finish options, eases long-term maintenance with the timeless industry standard E26 socket. The newest Philips PAR38 LED lamps allow for options including up to 2500 lumen output, CRI 90 and classic glass housings.

Specifications

- Up to 170,000 unique combinations
- 8 original shapes and variety of textures and finishes: 27 colors (translucent, pop, metallic and matte) and 5 material effects to combine
- Available in E26, track or GU24 mounting, allowing for a variety of lighting options
- Supplied with a 10 ft cable
- Optional: addition of a logo on certain shapes



Marks & Spencer



Single Conical

Single Quarter Round

Single Semi Round

Single Series

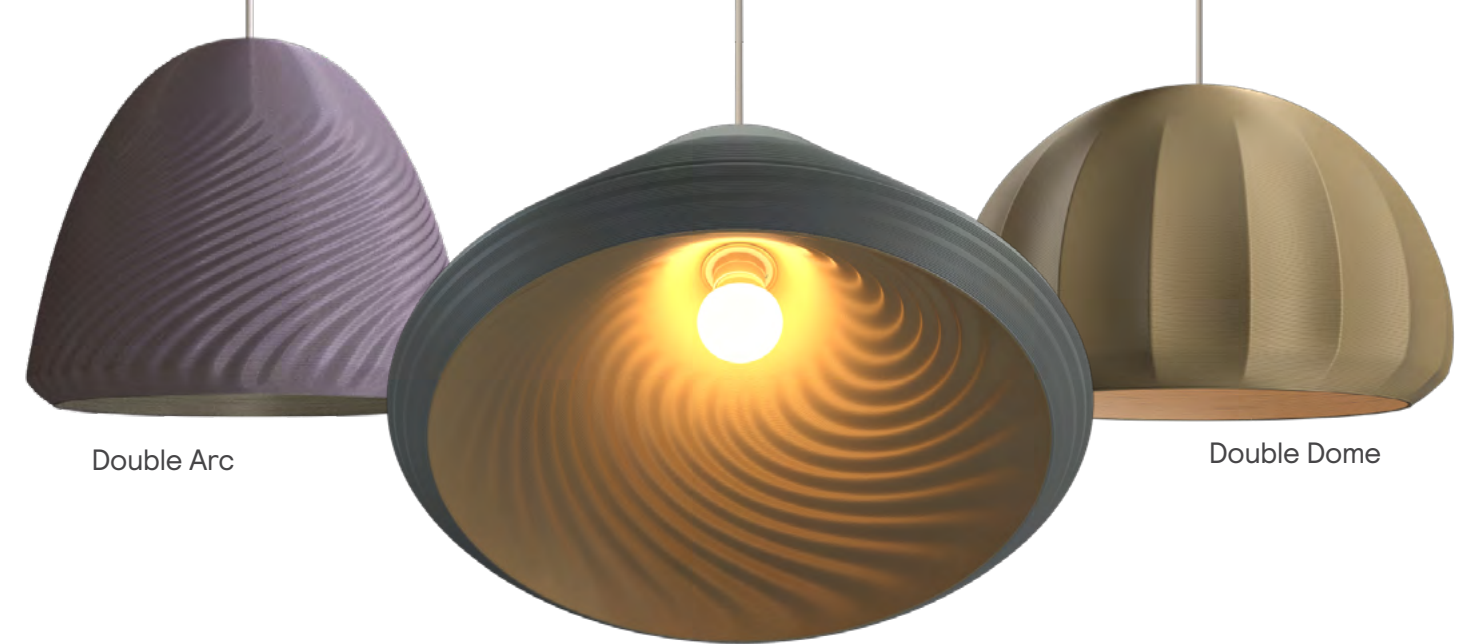
Whether in a large space or a more intimate environment, combinations of Single Series shades can create the perfect blend for an elegant and sophisticated atmosphere. These pendants are the finishing touch to a contemporary interior style, calling attention to various kinds of gathering areas for work, play, or contemplation.

Specifications

- Larger shade designs - up to 19 inches
- Available in E26, track or GU25 mounting, allowing for a variety of lighting options
- 3 shapes available in 2 sizes (Medium and Large sizes)
- 11 texture effects and 11 colors available



Double Cone Large
Metallic Green



Double Arc

Double Cone

Double Dome

Double Series

The Double Series brings a new tailoring game to the table, as the inner and outer shades can be combined with different colors and textures. These pendants make a strong statement, with their large size and bold appearances. The inner texture adds an extra touch of detail that is subtle yet appealing, for those with an eye for style and quality.

Specifications

- Double skin design, 500,000 combinations possible, over 2 million with lamp options
- Customize both the interior and exterior of your pendant from a selection of colors and textures
- 3 shapes available in 2 sizes (Medium and Large sizes, up to 17" in diameter)
- Exterior: 11 texture effects and 11 colors
- Reflector: 11 texture effects and 7 colors



Semi Round Medium,
Satin White



Robust Cone Small

New Bell Small

Robust Cone Medium

Slim Cone Medium

Slim Cone Small

Industrial Series

Bring a modern, rugged interpretation of retro-industrial, vintage fixtures into your space. All transparent designs have an inside shade totally customizable with different colors evoking a stylish look. They are an ideal decorative element for applications such as cafes, bars, lounge areas, offices, and a variety of others.

Specifications

- Over 600K unique combinations
- Opaque or transparent materials in a vast choice of textures: 10 colors and 7 textures
- 3 different printed components allow different top, body, and potentially reflector options
- Available in E26, track or GU24 mounting, allowing for a variety of mounting options



Robust Cone Large

New Bell Large

Slim Cone Large

New Bell Medium

Cohesion at its finest

To help you in the design process, we've already created several series of luminaires in various shapes, materials, colors and textures.



Umbrella - RD

New Bell Small - Industrial

Robust Cone Small - Industrial

Track - MS

Quarter Round Large - Single Series

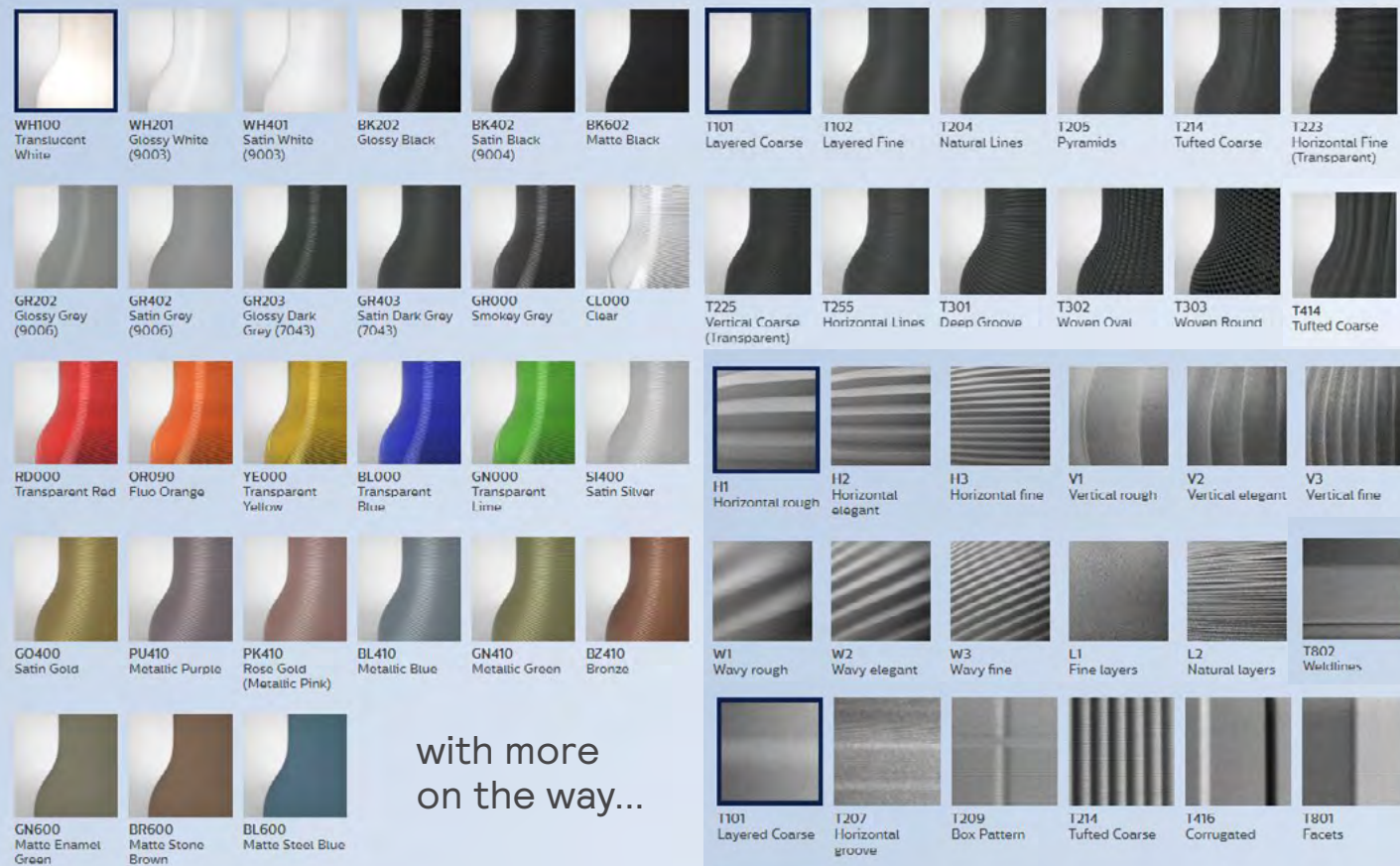
Many come in matching colors, allowing for endless possibilities for cohesive designs throughout your spaces.

Low Bay - BA L

Metallic Green - GN410







Double Arc Large

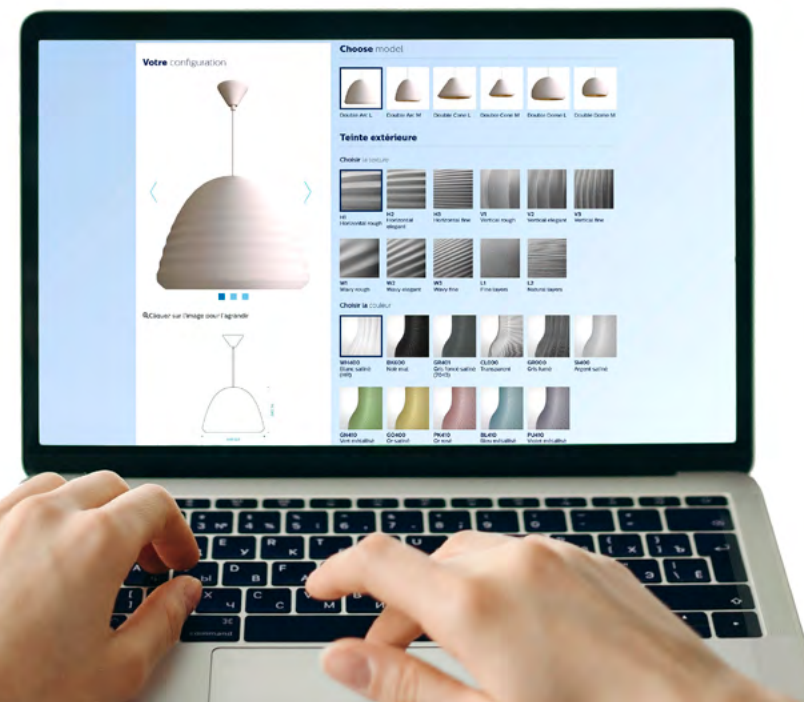
Aesthetic Options



Whether you need pendants in a specific texture or high bays in a certain color, we have you covered. With our user-friendly online configurator, you can try out every combination before printing your favorite design.

Unleash your inner creator with our online configurator

-  Visit the configurator website, www.tailored.lighting.philips.com
-  Choose your region and language
-  Select a product series & click Start Configuration
-  Customize a luminaire with desired shape, color, texture and more
-  Click the Create Spec Sheet button and save/print for ordering
-  Contact your Signify sales representative for pricing and to place an order



Scan this QR code with your smartphone, and begin your revolutionary lighting journey with us.

