

LIGHTOLIER

by  Signify

Unleash your inner creator

3D printed lighting

High/Low bay, Pendants
and Track Head fixtures



Speak with a sales representative
at 800.686.6351, or visit us online
at LoebElectric.com

 **LOEB**
ELECTRIC



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 versus traditional 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.



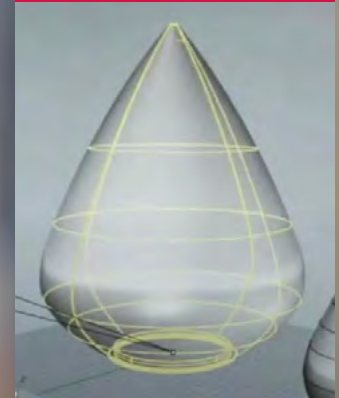
Our method of 3D printing luminaires shortens the tailored manufacturing process from development through installation, from a matter of months to a matter of weeks.



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.



Take custom-fit to the next level by creating your own design.

Bespoke design for all

Our 3D printing process removes heavy metal from the luminaire manufacturing process to allow for personalized fixtures. Customers can work directly with the Signify 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

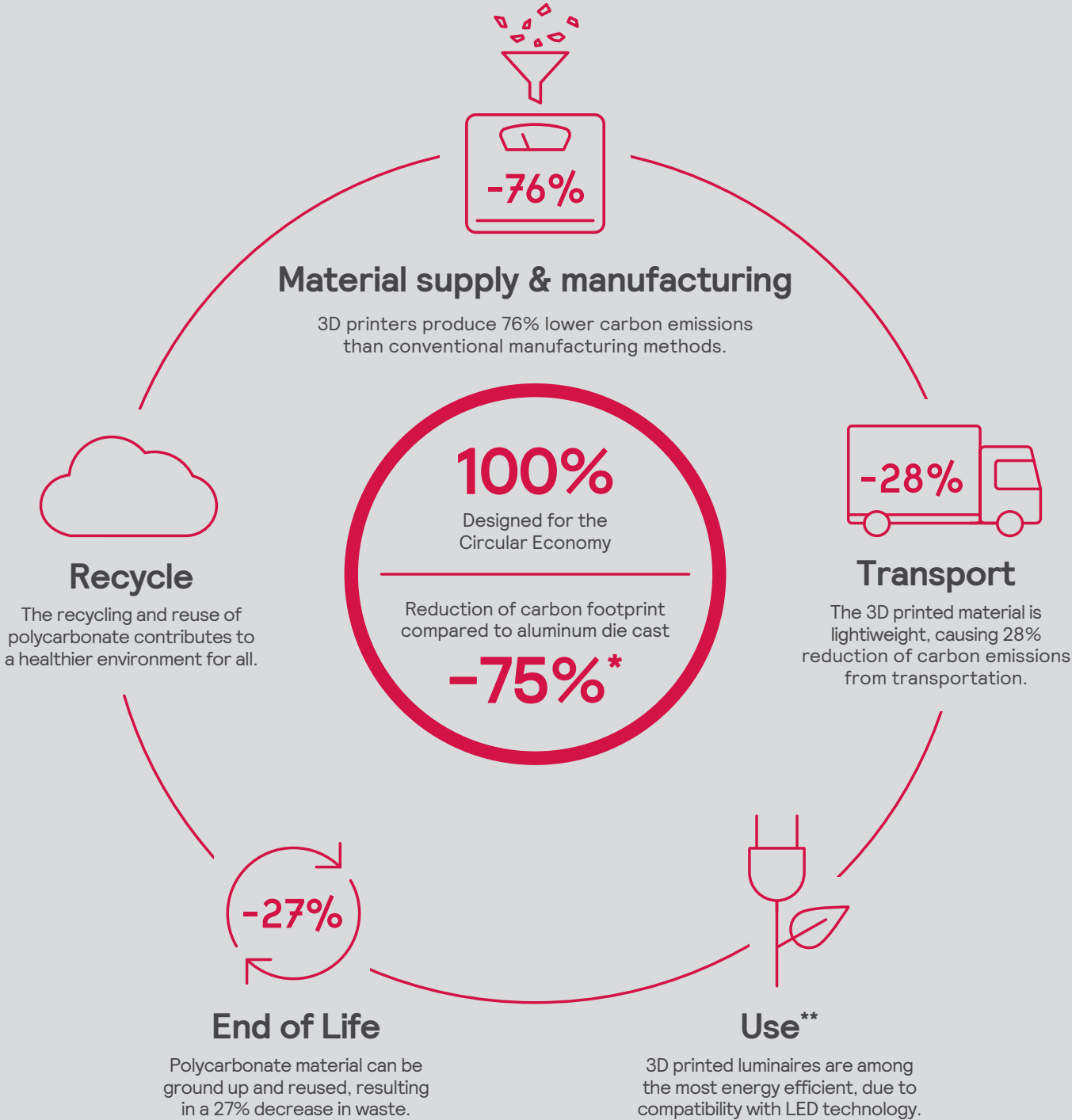


Add a logo

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 using a process 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 new 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.

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.

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

American made & shipped



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.



Buy American Act

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.



For a current list of BAA-compliant products please visit us online at: www.signify.com/en-us/portfolio/baa



IHB series, decorative high bays

The 3D Decorative High Bay takes a classic product redesigned in an integrated modern modular decorative form. Its not often that a traditional High Bay gets a complete redesign makeover! Light-weight yet durable polycarbonate construction reduces weight that helps ease handling during installation. Unleash your inner creator and select from a variety of color options to help tailor your design.

Specifications

- Integrated light engine with selectable lumen options
- Standard 90 CRI for optional visual appearance
- Unique colors and textures tailored to your project needs
- 2 different sizes in 3 different styles







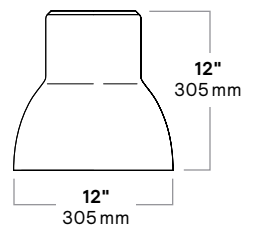
Small low bay

Large low bay

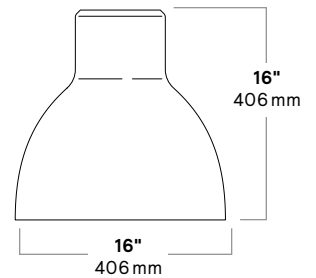
BA L series, low bays

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.

Small Low Bay



Large Low Bay



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, all made from polycarbonate material
- **Customizable inner shades:** 7 colors and 3 patterns
- **Color Temperatures:** 90 CRI, 2700K-4000K CCT and 1,000 to 7,500 lms



Floral inner reflector pattern



Praxis Hardware

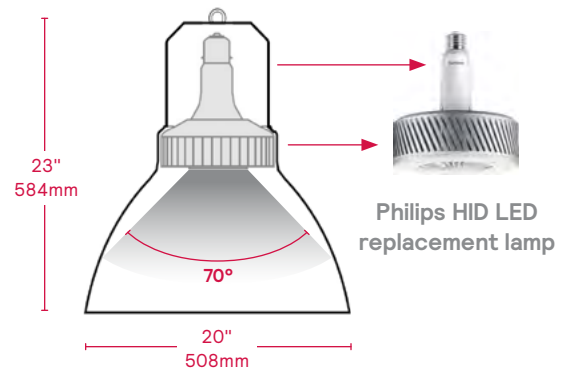


PM series, high bays

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

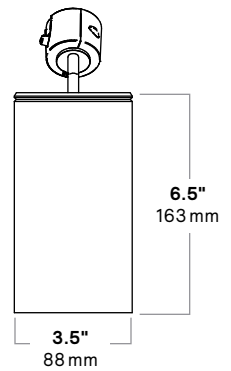
- A wide variety of optical configurations and possibilities to customize the reflector, with logos available
- Outer shade: 6 different transparent color options
- Canopy options: 4 different opaque color options
- LED lighting modules: from 8,500, 20,000 and 25,000 lms
- Color Temperatures: 80 CRI,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





MS series, track heads

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

- **Adapters:** Lightolier, Juno and Halo
- **Outer casing:** 12 colors to choose
- **Variety of beams:** 4 options from 17° to 60°
- **LED lighting modules:** flux from 1000, 1500 to 2300 lms
- **Tight hinge design:** allows for a clean mounted look



interact
ready.



Single series, pendants,
and MS series, track heads



Albert Heijn



RD series, pendants

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.

PD series, cylinders

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
- **Multiple shapes:** 8 original shapes and variety of textures and finishes
- **Customizable finishes:** 5 material effects to combine with 27 colors (translucent, pop, metallic and matte)
- **Mounting:** available in E26, track or GU24, allowing for a variety of lighting options
- **Suspension:** supplied with a 10 ft cable
- **Optional:** addition of a logo for certain shapes



Single Conical

Single Semi Round

Single Quarter Round

Single series, pendants

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.



Each style is available in two sizes

Specifications

- **Larger shade designs:** up to 19 inches
- **Multiple shapes:** 3 shapes available in 2 sizes (medium and large sizes)
- **Customizable finishes:** 11 texture effects and 11 colors available
- **Mounting:** available in E26, track or GU25 mounting, allowing for a variety of lighting options

Semi Round Medium,
Satin White



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.



RD series pendants
Umbrella



BA L series Low Bay
(large)



Single series pendants
Quarter Round (large)



MS series
Track Head




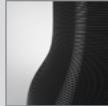
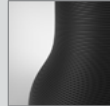


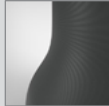
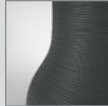
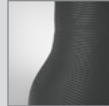
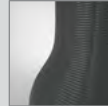





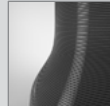


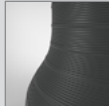


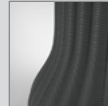



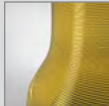
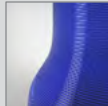


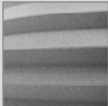
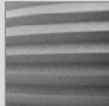
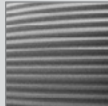

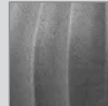

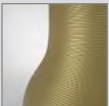
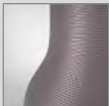
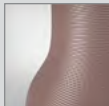
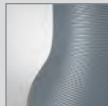
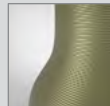
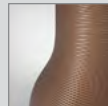
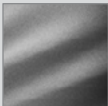
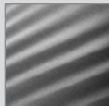
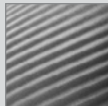



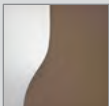






Many come in matching colors, allowing for endless possibilities for cohesive designs throughout your spaces.

Metallic Green
GN410 & GNMT

Aesthetic Options

3D printed lighting product portfolio configurator

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.

											
WH100 Translucent White	WH201 Glossy White	WH401 Satin White	BK202 Glossy Black	BK402 Satin Black	BK602 Matte Black	T101 Layered Coarse	T102 Layered Fine	T204 Natural Lines	T205 Pyramids	T214 Tufted Coarse	T223 Horizontal Fine
											
GR202 Glossy Grey	GR402 Satin Grey	GR203 Glossy Dark Grey	GR403 Satin Dark Grey	GR000 Smokey Grey	CL000 Clear	T225 Vertical Coarse	T255 Horizontal Lines	T302 Woven Oval	T303 Woven Round	T414 Tufted Coarse	T425 Vertical elegant
											
RD000 Transparent Red	OR090 Fluo Orange	YE000 Transparent Yellow	BL000 Transparent Blue	GN000 Transparent Lime	SI400 Satin Silver	H1 Horizontal Rough	H2 Horizontal Elegant	H3 Horizontal Fine	V1 Vertical Rough	V2 Vertical Elegant	V3 Vertical Fine
											
GO400 Satin Gold	PU410 Metallic Purple	PK410 Metallic Pink	BL410 Metallic Blue	GN410 Metallic Green	BZ410 Satin Bronze	W1 Wavy Rough	W2 Wavy Elegant	W3 Wavy Fine	L1 Fine Layers	L2 Natural Layers	
			 <p>Visit us online and stay tuned for more options on the way...</p>								
GN600 Matte Enamel Green	BR600 Matte Stone Brown	BL600 Matte Steel Blue				BK602 Matte Black	GR402 Satin Grey	GR403 Satin Dark Grey	WH201 Gloss White		

Unleash your inner creator with our online configurator



Visit the configurator website at www.3dprinted.lighting.lightolier.com



Choose your region and language (English or French)



Select a product series and click "Start Configuration" button



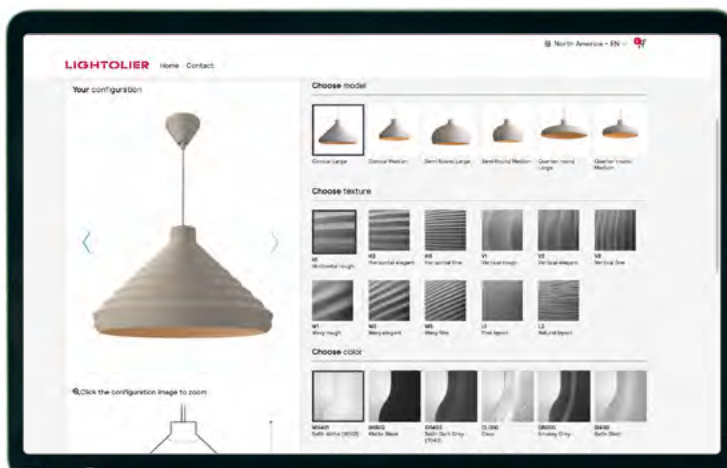
Customize a luminaire with desired shape, color, texture and more



Click the "Create Spec Sheet" button and save/print for ordering



Contact your Signify sales representative for pricing and to place an order



LIGHTOLIER

by **Signify**



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



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