



Press Release

October 26, 2021

Signify provides Colombia's El Dorado International Airport with almost 9,000 3D printed downlights and retrofits more than 14,000 luminaires to LEDs, helping to reduce its carbon footprint

- El Dorado International Airport seeks to become a national and regional benchmark for sustainable operations and energy efficiency
- Lighting renovation generates electricity savings of as much as 66%, reduces carbon footprint, and improves overall airport experience for travelers and employees
- Integration with Interact facilitates remote control of individual light points and optimizes lighting maintenance

Eindhoven, the Netherlands – [Signify](#) (Euronext: LIGHT), the world leader in lighting, in a first phase has provided the El Dorado International Airport in Bogota, Colombia, with 8,941 [3D printed downlights](#) that will help the airport to reduce its carbon emissions thanks to a typical 3D printed luminaire having a 75% lower carbon footprint than conventionally fabricated metal fixtures. The airport also retrofitted more than 14,000 luminaires to LEDs, helping to reduce the airport's electricity consumption by 66%. As electricity represents 60% of the carbon footprint of Latin America's largest airport in terms of cargo volume, and third in the region in terms of passengers, this will contribute even more to the airport reducing its carbon emissions and significantly helps it on its journey to become a national and regional benchmark for sustainable operations and energy efficiency.

3D printed luminaires provide our customers with unprecedented levels to tailor their lighting to their exact preferences. A typical 3D printed luminaire (excluding electronics and optics) has a 75% lower carbon footprint than a conventionally fabricated metal fixture. We use a 100% recyclable polycarbonate material and limit the usage of screws and number of parts to simplify recycling and resulting in less weight. This in turn reduces emissions from shipping by 28%. Using colored materials instead of having to paint them afterwards avoids the need for additional coloring or post-processing, further simplifying the process. And nearly every component may be reused or recycled, supporting the concept of a circular economy.

“Our goal is to be a benchmark in energy efficiency and sustainable operations in Colombia and Latin America. For this reason, we're excited to have installed the latest innovation in lighting with 3D printed downlights and to be the regional pioneer when it comes to remote management of the lighting infrastructure,” said Mauricio Vélez, OPAIN's Infrastructure Manager, operator of the airport. The airport has recently been recognized by the US Green Building Council with the maximum LEED platinum rating - version 4.1 in operation and maintenance.



Outdoors, Signify installed [Digistreet](#) luminaires, which have been integrated with [Interact](#), our connected lighting system and software. Interact's lighting management dashboard enables the airport operators to remotely monitor, manage and control each light point individually, from anywhere. By having the visibility of the lighting's status, preventative maintenance and resolution of faults can be dealt with quickly, reducing maintenance costs, improving experience and minimizing disruption to operations.

"We are a 100% carbon neutral company and committed to responsible consumption and production, through products that can be reprinted, renewed, reused and recycled. We are proud to be part of this project and help such an important regional hub to achieve its sustainability goals," said Felipe Uribe, General Manager of Signify's North Latin America region.

Helping our customers achieve their sustainability objectives through 3D printed luminaires illustrates our commitment to doubling our circular revenues to 32% in 2025. This is a key part of our [Brighter Lives Better World 2025](#) program, which [was launched](#) in September 2020.

Learn more about how 3D printed luminaires can benefit our customers around the world and visit our webpage: [3D printing by Signify | Signify Company Website](#)

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About Signify

[Signify](#) (Euronext: LIGHT) is the world leader in lighting for professionals and consumers and lighting for the Internet of Things. Our [Philips](#) products, [Interact](#) connected lighting systems and data-enabled services, deliver business value and transform life in homes, buildings and public spaces. With 2020 sales of EUR 6.5 billion, we have approximately 39,000 employees and are present in over 70 countries. We unlock the extraordinary potential of light for brighter lives and a better world. We [achieved](#) carbon neutrality in 2020, have [been](#) in the Dow Jones Sustainability World Index since our IPO for four consecutive years and were named [Industry Leader](#) in [2017](#), [2018](#) and [2019](#). News from Signify is located at the [Newsroom](#), [Twitter](#), [LinkedIn](#) and [Instagram](#). Information for investors can be found on the [Investor Relations](#) page.