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Highlights

Product Solution: FortaCast inground lighting, made from eco-friendly Glass Fiber Reinforced Concrete (GFRC), designed for high traffic durability and low maintenance.

Installation Benefits: Modular drive-over lighting system allows for easy installation and adaptability to existing infrastructure, accommodating various geometries and elevation changes

Design Flexibility: Custom angles and fabrication options provide significant design flexibility, aligning with the architectural nuances of surrounding structures

Case Study

FortaCast Illuminates The Krog District: A New Urban Landmark on Atlanta's Beltline

March 2025

Inground lighting can redefine urban spaces, and at The Krog District in Atlanta, Organic Lighting's FortaCast® is doing just that. Nestled along the bustling Beltline, a 22-mile loop of trails and parks, FortaCast enhances the area's aesthetics and transforms an underutilized green space into a vibrant public area.

With over a million people using the Beltline annually, any inground lighting needed to withstand heavy pedestrian traffic, cyclists, scooters and skateboarders, ensuring longevity and consistent performance. Plus, the solution had to be low maintenance and able to withstand harsh weather and water exposure. Sculptural mounds in the design shed water directly over the fixtures, so it was vital they could remain wet for long periods.

Championed by architects ASD|SKY alongside CORE, the FortaCast modular drive-over lighting, crafted from eco-friendly GFRC and featuring an IP68 rating, met the project's stringent requirements. The fixtures can withstand high traffic, requiring minimal upkeep, and resist rust and corrosion, which can be a problem with metal-encased inground lighting.

Evan Burch, architect at ASD|SKY, explains: "While durability is paramount, we also needed a continuous light level throughout the fixture, avoiding any breaks or inconsistencies."

FortaCast's adaptability also enabled the creation of angular, fractal geometries, mirroring the architectural nuances of adjacent buildings in the Krog District. It makes part of the Beltline, where it meets a retail area, into a popular meeting point and a wayfinder to announce the Krog District to trail users.

"The ability to use custom angles and fabricate lights as needed provided immense design flexibility," noted Burch.

FortaCast's continuous, sleek, uniform linear lighting enhances the area's aesthetic – especially during the evenings. "We aimed to create something captivating. The FortaCast fixtures were crucial to achieving that," Burch says. "The goal was a space that appealed to a wide range of users—families, runners, walkers, and those looking to rest or enjoy a meal."

The aesthetic impact of the FortaCast lighting in the Krog District is profound, transforming the space into a visually dynamic landmark – playful yet functional. The uniformity and quality of the light enhance the textural contrasts within the landscape, adding depth and dimension. This visual appeal draws people in, encouraging them to explore and engage with the space."

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>
> -Evan Burch, architect at ASD|SKY

Asana Partners, the property owners, expressed their satisfaction with the outcome. "We are thrilled with how FortaCast has enhanced this area of the Krog District. The project has exceeded our expectations, creating a vibrant, inviting space and serving the community beautifully."

Specification of FortaCast on the project:
FortaCast 4inx4in with 2in lens and white finish.
Aqueon Diffuse LEDs at 4000K CCT–1.83 W/ft 69 lm/ft
Total length, just over 179 Feet.
10 customized corners.

Learn more:
www.organiclighting.com/fortacast