



Bright Sites

by Signify

The 5G Hub deploys 5G technology through lighting in Eindhoven, the Netherlands

The opportunity

As part of the 5G Hub, the innovation center at the High Tech Campus, Ericsson and Vodafone are exploring innovative 5G technology to create exciting use cases and develop solutions that can be used commercially. At the same time, High Tech Campus is dedicated to making the whole business park smarter and connected by allowing 3rd parties to implement and test innovative technologies and use cases.

The solution

In a joint initiative, 5G Hub and Signify built a demonstrator using BrightSites' Broadband Luminaires to backhaul a 4G/5G small cell that will enable various 5G use cases. In parallel to this the BrightSites installation backhauls Wi-Fi units and provides internet connectivity for pop-up stores and in this way demonstrates its various possibilities for the commercial use in dense urban areas.

“Signify and Ericsson have built a demonstrator in which Ericsson's 4G and 5G equipment connects to the telecom backbone via Signify's broadband luminaires. This works smoothly and can be an exciting complement for 5G densification in a city environment.”

Andreas Daun, CTO Key Account Team (NL), Ericsson



IoT Broadband Applications



Public Wi-Fi



5G Use Cases

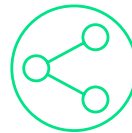
Benefits of BrightSites Solution



Time to market in lighting speed



Ultra high bandwidth



Future proof infrastructure



Sustainable solution



To learn more, go to
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