

# Zhaga Press Release

## First Zhaga-NFC programmable devices earn certification

Piscataway, NJ, USA – 31 August 2022

*The Zhaga specification Book 24 defines the programming of NFC-programmable luminaire components. Zhaga has also developed a corresponding Zhaga-NFC certification program for programmable luminaire components such as LED drivers. Tridonic is the first company that has earned Zhaga-NFC certification for a number of their LED drivers.*

Manufacturers of LED luminaires currently use a variety of programming methods to set the operating characteristics of LED drivers inside luminaires. Zhaga has standardized a digital, wireless programming approach using near-field communication (NFC). Implementation details about programming software and verification methods are also specified.



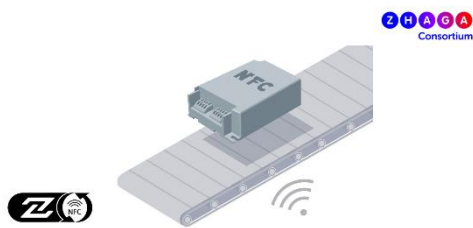
Company: Tridonic

Tridonic LED drivers have been Zhaga-NFC certified and can now carry the Zhaga-NFC certification logo.

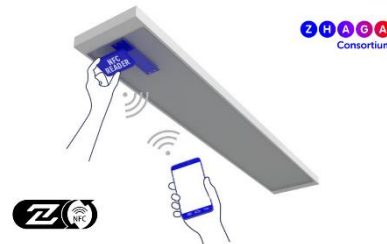
Markus Wagenseil, Segment Manager Outdoor at Tridonic: “Interoperability between NFC readers and NFC-programmable lighting components is required for NFC to be adopted for on-site programming. We therefore eradicate the interoperability problems between Bluetooth NFC maintenance interfaces and LED drivers.”

Book 24 describes the programming of luminaire components using NFC and Book 25, which was published in February 2022, defines a Bluetooth Low Energy communication protocol for the communication between the field-maintenance application on a smart device and the NFC reader. These Zhaga specifications solve the data management problems of smart luminaires

with interoperable maintenance tools enabling configurable luminaires easy to service over their entire lifecycle.



Book 24: Programming of luminaire components using NFC



Book 25: NFC Readers with Bluetooth interface for in-field programming

Details about the products are shown in the [Zhaga product database](#). Certification is issued only after verification by independent testing. Zhaga-NFC certification builds trust in the interoperability of NFC readers and NFC programmable luminaire components such as drivers and field-maintenance applications.

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#### About Zhaga

Zhaga is a global association of lighting companies that is standardizing interfaces of components of LED luminaires, including LED light engines, LED modules, LED arrays, holders, electronic control gear (LED drivers), connectors and sensor and/or wireless communication modules. This helps to streamline the LED lighting supply chain, and to simplify LED luminaire design and manufacturing. Zhaga continues to develop specifications based on the inter-related themes of interoperable components, smart and connected lighting, and serviceable luminaires. For more information, visit [www.zhagastandard.org](http://www.zhagastandard.org).