



First Zhaga-D4i certification awarded to outdoor LED luminaires

Several outdoor LED luminaires have received Zhaga-D4i certification, as result of the joint program from Zhaga and DiiA.

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The Zhaga Consortium (Zhaga) and the Digital Illumination Interface Alliance (DiiA) have reached a key milestone in their joint Zhaga-D4i certification program.



Several luminaires from Signify and Schröder have been certified according to this new program. They can carry the dual logos of Zhaga and D4i which together indicate interoperability of luminaires, sensors and/or communication nodes.

“The use of the Zhaga and D4i logos together on luminaires and nodes will provide clarity and confidence in multi-vendor product interoperability,” said Paul Drosihn, DiiA General Manager.

Based on complementary specifications from Zhaga and DiiA, Zhaga-D4i makes it easy to add or upgrade sensors and/or communication nodes. This enables smart, future-proof LED luminaires with IoT connectivity.

“With the Zhaga-D4i certification program, decision makers in outdoor road lighting can combine the long-lasting nature of the lighting infrastructure with the rapid changes in digital communication and sensor technology,” said Dee Denteneer, Zhaga Secretary-General.

Zhaga-D4i luminaires have a powered Zhaga receptacle, which can accommodate a sensor or communication node with a corresponding Zhaga plug. Also, Zhaga-D4i luminaires use LED drivers meeting the D4i requirements, including the availability of DALI-2 luminaire, energy and diagnostics data.

Zhaga-D4i certification of sensors and/or communication nodes will become available later in 2020.

Zhaga-D4i luminaires are listed on the [Zhaga website](#), while D4i drivers can be found in the DiiA online [Product Database](#).

The first Zhaga-D4i luminaires are outdoor fixtures that are certified in accordance with the requirements of Zhaga Book 18 Ed 2.0, [published](#) in late 2019.



Zhaga-D4i certification will be extended to include Zhaga Book 20 for indoor applications, which will be published in April 2020 for Zhaga members.

About DiiA

The Digital Illumination Interface Alliance (DiiA) is an open, global consortium of lighting companies that aims to grow the market for lighting-control solutions based on Digital Addressable Lighting Interface (DALI) technology. DiiA is driving the adoption of DALI-2, the latest version of the internationally-standardized DALI protocol. DALI-2 includes more product types, more features, clearer specifications and increased testing. DiiA operates the DALI-2 certification program, bringing the promise of significantly-improved interoperability compared with current DALI systems in the market. DiiA develops test specifications for DALI-2 product compliance testing, and also creates new specifications for additional DALI-2 features and functions. For more information, please visit www.digitalilluminationinterface.org.

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) and connectivity fit systems. 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.

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