lumenradio
Creating Connectivity for a Better Tomorrow

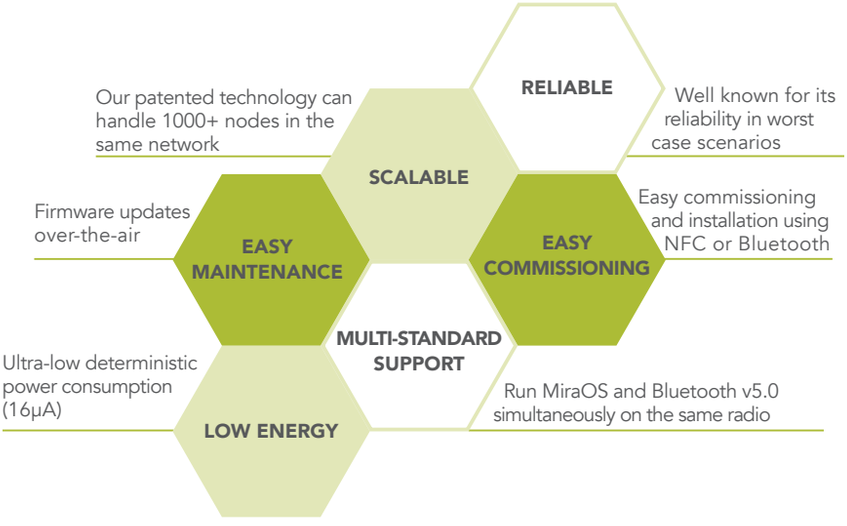
MiraOS for lighting

WIRELESS MESH TECHNOLOGY

MiraOS is an embedded operating system for large-scale and easy-to-install wireless mesh light control networks. Our patented technologies enable ultra-reliable and Future-Proof connectivity.

With rapid response time, long range and concurrent Bluetooth you get unparalleled features for the most challenging lighting and IoT applications.

Our solution works in environments where others fail.



WHY MIRAOS FOR LIGHTING?

MiraOS is a perfect fit for everything from small room light control to building wide control, from local car park applications to full highway control.

MiraOS is developed with a focus on easy scaling which gives you the option to start with light controls for a single room and later scale to IoT - BMS or CMS enabled light controls.

Together with patented technologies for easy commissioning and unique reliability MiraOS lets your luminaires become IoT ready for the business critical applications of tomorrow.

CONCURRENT BLUETOOTH

Bluetooth is used as a part of the commissioning. Download data from the cloud to your phone or tablet and send the commissioning data to your system via Bluetooth with your own-developed app.

When adding or changing units to your network of MiraOS for Lighting products Bluetooth is also used. Easy commissioning is a top priority due to cost effectiveness and a rapid installation.

UNIQUE RELIABILITY

MiraOS lighting configuration is developed with a focus on reliability and efficient communication.

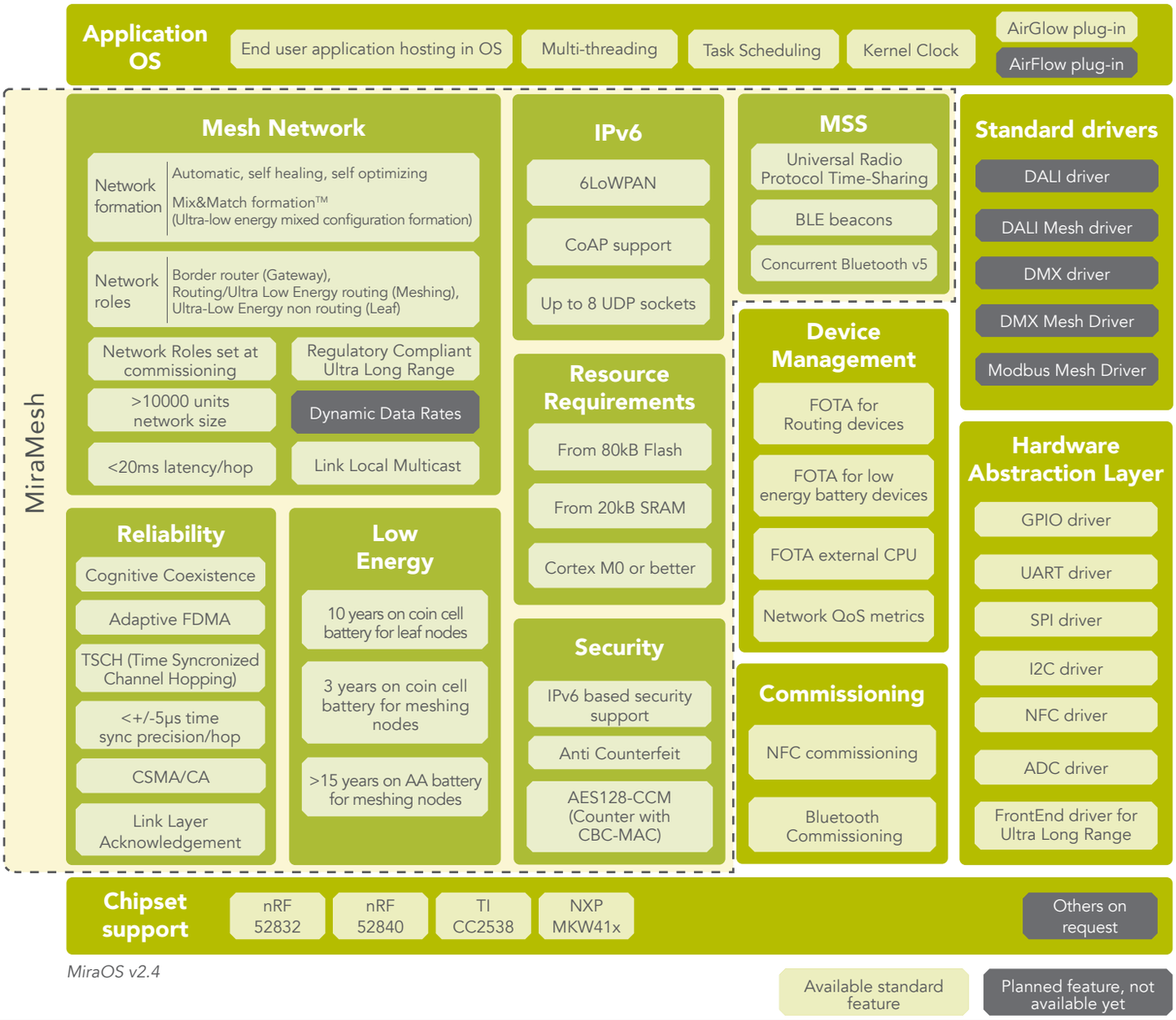
Our patented Cognitive Coexistence technology makes your luminaires Future-Proof as they will coexist along with other wireless technologies, not being interfered or causing interference.

SCALABLE

Start small, go big! MiraOS for Lighting enables concurrent operation of Bluetooth for local light control and MiraMesh for large scale building wide IoT connectivity.

Scale seamlessly from local Bluetooth to building-wide MiraMesh with full IPv6 support. You don´t need to recommission - it just works out of the box.

Building blocks of MiraOS



MiraOS v2.4

Available standard feature

Planned feature, not available yet

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With patented technologies and an unique operating system, LumenRadio provides ultra-reliable mesh connectivity for the most business critical applications.

CONTACT

Headquarters

Sweden, Gothenburg
LumenRadio AB
Svangatan 2B
416 68 Göteborg

+46 31 301 03 70
sales@lumenradio.com

Sales offices

Germany, Frankfurt
+49 619 658 655 590
sales@lumenradio.com

US, Boston
+1 617 650-2651
sales@lumenradio.com

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