

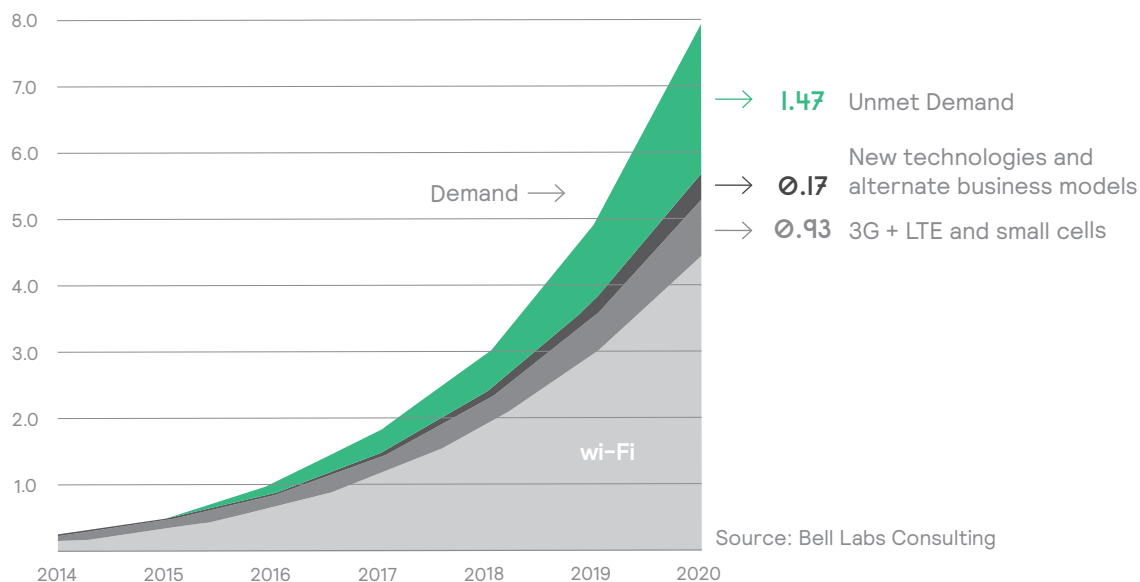


# Are you ready for LiFi?

Introducing LiFi

We all want to be connected, everywhere, 24/7. But with more and more connected devices everyday, the radio spectrum is getting full. Networks can become overloaded and in certain cases WiFi is not suitable or permitted. This is where LiFi comes in. Unlike WiFi, which uses radio waves, LiFi uses the broader spectrum of light waves to transmit and receive data wirelessly.

Exabytes per day



### How it works

- 1 An ethernet cable is plugged into our LiFi Philips luminaire, which effectively becomes your wireless router. The light starts modulating, at a frequency invisible to the human eye, providing a strong connection, sending data downwards.
- 2 A USB access key plugged into your laptop or tablet receives the data. An infrared emitter built into the USB access key uses infrared to upload data back to the luminaire.

### Where to use?

LiFi is highly suited for use in banks, schools, government, healthcare and industry, from multi-tenancy buildings to the underground, as well as the areas where WiFi is poor or unavailable. It offers a secure, personal connection for anyone concerned about data privacy. Our LiFi Philips PowerBalance is ideal for offices and schools because of its wide coverage zone, while the Philips LuxSpace downlight is best suited for creating secure LiFi zones, perfect for hospitality areas.



### The benefits of LiFi

Alternative connection	Reliable network	Secure	Scale
It is ideal for use in areas that are sensitive to radio frequencies or areas that have poor or no WiFi.	Stable data rate per each user providing robust, reliable, wireless communication.	To connect to LiFi you need your device to be in the pool of light created by the LED luminaire and to have a personalized USB access key.	LiFi takes up to 15 users within the coverage beam of one light point. With seamless handover between one luminaire to the other, you can move around without losing connection

LiFi can be fully integrated within a total lighting system with controls, without compromising light quality or performance.

### Ready for the next step?

Do you want to experience the double benefit of quality, energy efficient LED light and a secure and highly stable, robust and fast broadband connection?

Contact us to try our LiFi-enabled luminaires yourself and within days we'll provide you with everything you'll need, from light sources and modems to USB access keys.

E-mail: [lifi.systems@lighting.com](mailto:lifi.systems@lighting.com)  
or contact your local Signify representative.

More information: [www.signify.com/lifi](http://www.signify.com/lifi)