

Networking, Via LED Ceiling Lamps

Written by Marco Attard
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The Fraunhofer Heinrich Hertz Institute presents the latest developments on Visible Light Communication (VLC) at CeBiT 2012, using standard off-the-shelf LEDs to provide broadband data streams to connected devices.

The Fraunhofer system reaches maximum speeds of up 800 Mbit/s under laboratory conditions. In comparison, current broadband capacity reaches 100 Mbit/s.

As an optical technology it is also ideal for places where WLAN is not desirable (such as hospitals), and can handle all sorts of applications-- from video conferencing to general internet use.

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