



Contact Evan Boyer
GS&F
(615) 385-1100 Ext. 2307
eboyer@gsandf.com

FOR IMMEDIATE RELEASE

Douglas Lighting Controls Introduces Bluetooth® Wireless Lighting Control System

NASHVILLE, Tenn. (Jan. 23, 2017) – Douglas Lighting Controls, a member of the Panasonic family of companies, has introduced a complete, stand-alone wireless system to control lights in a variety of commercial applications using **Bluetooth®** wireless technology. The system devices include Douglas Lighting Controls' Bluetooth® Fixture Mounted Controller & Sensor, Bluetooth® Fixture Controller, Bluetooth® Sensor, Bluetooth® Switches, and Bluetooth® Dialog® Gateway. A complimentary Smartphone App provides commissioning and control capabilities for the devices and lighting control system.

Each Bluetooth-enabled device is its own wireless node for sending, receiving and sharing control commands through a wireless mesh network. The system can expand reach and control throughout the network, as each device passes information to the next device.

“With our Bluetooth wireless solution, Douglas continues to provide lighting specifiers the reliability and operability that is so critical to the success of a well-designed lighting control system,” said Rob Mahaffey, director of product market development for Douglas Lighting Controls. “Additionally, the system is easy to commission, saves on installation, employs a high level of encryption, and significantly reduces electrical consumption by providing the right amount of light when needed.”

Douglas Lighting Controls Bluetooth Fixture Mounted Controller and Sensor

The Fixture Controller & Sensor provides automated individual and group control of light fixtures using onboard sensors and Bluetooth technology. It is easily installed for ON/OFF or bi-level light functionality. The daylight sensor provides additional energy savings by adjusting the lights to work with the amount of natural daylight available in open-sided parking garages or from windows.

Configuration of the Fixture Controller & Sensor is done conveniently at deck level with Douglas' complimentary smartphone app using Bluetooth protocol to communicate with the device. A Bluetooth mesh network is created between devices for control over a group of Douglas Lighting Controls Bluetooth Fixture Controllers & Sensors.

The Controller & Sensor has a maximum vertical range of 40 feet and is powered from the fixture. Once a device is configured, the system will automatically operate to control lighting based on occupancy in the area and the system settings.

Douglas Lighting Controls Bluetooth Fixture Controller

The Controller converts fixtures into wirelessly controlled luminaires. The device provides individual or multi-fixture control based on the wiring configuration (one-to-one or one-to-

many) and can control a full 20A load. Control functionality includes ON/OFF and 0-10V dimming control of the fixture(s) through a wireless control point, eliminating the need for control wires between fixtures and making design and installation easier. Each device is capable of communicating with other Douglas Lighting Controls Bluetooth-enabled devices via the Bluetooth mesh network.

The Controller is effortlessly installed using the ½ inch chase nipple and the included flying leads. Commissioning is conveniently done at deck level with Douglas' complimentary smartphone app.

Adding the Douglas Lighting Controls Bluetooth Sensor will provide automated daylight harvesting (CLC dimming) control.

Douglas Lighting Controls Bluetooth Sensor

The Sensor is a dual-technology, ceiling-mounted occupancy and daylight sensor. It communicates wireless with other Bluetooth devices within the Douglas Lighting Controls eco-system. The dual-technology sensor uses PIR (Passive Infrared) and Bluetooth proximity detection to identify and maintain occupancy. PIR technology will identify motion, while the proximity detection will identify occupancy by recognizing authorized Bluetooth enabled Smartphones in the area.

The Sensor is easily installed into soft ceiling tiles by using an innovative cutting head to eliminate the need for cutting tools. Once the hole is cut and the sensor is pushed into place, rubber ribs hold the sensor securely in place. Power for the Sensor is provided by the Douglas Lighting Controls Bluetooth Controller (part #BT-PP20).

Douglas Lighting Controls Bluetooth Switches

The Switches provide wall station control over lighting in rooms and defined spaces. The product is available in 4-button or 8-button with 0-10V Dimmer and 1-button formats in 120/277VAC and 347VAC models. Each switch is a Bluetooth-enabled device designed to communicate wirelessly with other devices on the Douglas Lighting Controls wireless eco-system.

Douglas Lighting Controls Bluetooth Dialog Gateway

The Gateway shares Bluetooth wireless commands and data from the Douglas Lighting Controls wireless system with Douglas' Dialog centralized controller when a facilities-wide lighting control system is being used.

Douglas Lighting Controls Commissioning and Control App

Use your Bluetooth enabled iOS device to commission light levels, zones, pre-sets and time outs, and control those lights through the app.

To learn more about Douglas Lighting Controls, please visit:
www.douglaslightingcontrols.com.

About Panasonic Lighting Americas, Inc.

Panasonic Lighting Americas, Inc., a subsidiary of the Panasonic Group, operates Universal Lighting Technologies, Inc. and Douglas Lighting Controls, two market leaders in the industry. Universal Lighting Technologies, based in Nashville, Tennessee, engineers LED solutions for commercial lighting applications as well as LED, linear fluorescent, compact fluorescent, HID,

and eHID components. Douglas Lighting Controls, based in Vancouver, British Columbia, develops innovative controls systems and works to engineer end-to-end energy-efficient, easy-to-install digital lighting-control solutions for commercial buildings, campuses and sports complexes throughout North America. Together, Douglas and Universal, provide customers with the most advanced lighting controls and LED components available today.

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