Energy efficiency meets design
Modern light management with B.E.G.

Presence and occupancy detectors are an important feature in the planning of buildings. The intelligent lighting control favours the building users’ convenience. In Germany the Energy Saving Ordinance incorporates light management since 2014, and with 40 years’ experience B.E.G. is one of the leading companies in this sector.

For a long time, motion and presence detectors had an eye-catching shape on ceilings. Fortunately, the technology is fast-developing and so B.E.G. designed detectors which are also pleasing to the eye.

And the icing on the cake is that customers must not be concerned that the detectors are less capable: even with an almost invisible occupancy detector on the ceiling it still reliably detects movements and can cover a large area.

Get excited!
Indoor 140-L – 94328
Figure: original size
The all-rounder

The well-designed LUXOMAT® Indoor 140-L can also replace a push-button: The round centre of the device accommodates the presence detector, an orientation or night light and also is a pushbutton for switching the light manually. A conventional pushbutton is not necessary!

Its powerful LEDs are oriented to the floor and smoothly illuminate the surroundings. They contribute to the light management as orientation light or night light, for example to dimly illuminate a hotel corridor at night when the main light is switched off.
The design of the occupancy detector PD11 fits into any room: its visible portion when installed into a ceiling is only 0.85 mm (~0.03 in), allowing the detector to blend into the ceiling. Despite its extremely flat lens, its detection area of almost 9m (~29.53 ft) is astonishing.

This makes the super flat occupancy detector the right choice for offices, meeting and conference rooms and any places where people are seated at desks.

The PD9 family profits from a very small sensor head having a diameter of only 45 mm (~1.77 in) and an external power supply which passes through the detector’s hole in the ceiling. Therefore, the power supply is not visible at all.

The PD9 can be mounted directly into lights, making a hole in the ceiling superfluous. The mini presence detector is ideal for use in offices, conference rooms and lobbies.
Presence detector and LED light in one

Often, presence detectors are integrated into lights. B.E.G. also presents another solution: the light is integrated into the occupancy detector. The PD2N-LED integrates powerful LEDs in its outer ring which can serve as orientation or night light, with two different brightness values.

The use of this occupancy detector makes dimmable lights unnecessary. The power consumption of 5W (brightness 100%) is less than that of dimmed fluorescent lamps. The integrated LEDs offer an improved convenience and safety, for example in hotel corridors.
Our products are used in many buildings, e.g.

- The Federal Ministry of Education and Research, Bonn (D)
- CCH – Congress Centrum Hamburg (D)
- Taunus Tower, Frankfurt (D)
- Royal Albert Hall, London (GB)
- Tour Cristal – La Défense, Paris (F)
- Cruise liner „Norwegian Epic“, Saint Nazaire (F)
- The Brando, Tetiarola Island, French Polynesia (F)
- Carlsberg City, Copenhagen (DK)
- Cajasol Tower, Sevilla (E)
- Headquater Banco Bilbao Vizcaya Argentaria (BBVA), Madrid (E)