

Press release
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Panos Infinity LED downlight range Lighting quality, efficiency and design – now also in a square design



Light for the most sophisticated demands: Zumtobel's new Panos Infinity LED downlight range makes tomorrow's lighting quality, efficiency and design available today. With effect from May 2011, the square Panos Infinity Q model and various LED wallwasher versions will be added to the downlight range. In the process, the excellent luminaire features will be consistently maintained.

With a minimalist design and a luminaire efficiency of up to 40 lumens per watt, high-quality LED technology has by now outcompeted traditional compact fluorescent lamps in terms of efficiency and lighting quality. The luminaire range is available with three output levels: a luminous flux of 1000 lumens is achieved by a rating of 16 W, 1800 lumens by a rating of 23/25 W, and for the 2400 lumens version, Panos Infinity requires 32 W. High lighting quality with stable colour temperature sets standards for high-quality lighting solutions. A special technology allows to achieve a stable colour temperature of 3000 K or 4000 Kelvin

throughout the service life of 50,000 hours, as well as excellent colour rendition of > Ra 90.

Another unique feature of the downlight range are its dynamic colour temperatures. With Panos Infinity Tunable White, the natural course of daylight can be simulated, allowing users to flexibly adjust the colour temperature in the white light range, depending on the respective application. In the process, a temperature range of 2700 K to 6500 K not only improves the quality of perception but also creates eye-catchers, highlights colours and enhances the human biorhythm. The various different white tones are adjusted via the Circle tune kit or the Emotion touch panel.

With his design of Panos Infinity, Christopher Redfern demonstrates the opportunities provided by LED technology to create a new design language. The harmonious transition between the LED lighting chamber and the reflector makes the light source invisible. Fitted with a considerably reduced cover ring, the

downlight blends harmoniously into the interior. The new frameless downlight model is an architectural highlight. Comments the designer on his conceptual idea: "With this downlight I wanted to create light that closely approaches natural daylight. Light with pleasant colour temperatures and the option to adjust them to people's preferences."

The efficiency of the luminaire system, which has no equal on the market, is achieved through a unique fusion of special technologies, top quality materials and technical lighting knowhow. To ensure optimum LED performance and system service life, Zumtobel has placed special emphasis on efficient cooling. Zumtobel succeeded in developing a passive heat sink for the LED module, which considerably improves the downlight's performance characteristics. Panos Infinity is DALI-dimmable as standard, allowing for additional attractive potential savings.

The round and the square design models are each available with two different diameters: 150 and 200 mm for the round Panos Infinity, 140 and 190 mm for Panos Infinity Q – with two mounting depths of 100 mm and 140 mm for the low and high versions, respectively. Combined with four different reflector versions, decorative

accessories and the frameless option, perfect lighting solutions for all areas of application can be implemented.

The modular design of the Panos Infinity downlight emphasises the future-oriented approach even further. Thus, the LED lighting chamber and the passive cooling system are combined into a unit (patent pending) that can be separated from the control gear and reflector without any tools. Replacing the LED module is therefore very straightforward.

Hardly distinguishable from the Panos Infinity downlight at first glance, the Panos Infinity LED wallwasher with a diameter of 200 mm performs very specific lighting tasks. Thanks to efficient LED technology and special asymmetrical reflectors in a sputtered, highly specular finish, vertical areas in exhibition rooms, art galleries and retail spaces are illuminated uniformly and efficiently.

A five-year guarantee is supplied with the Panos Infinity downlight range comprising control gear and LEDs. Furthermore, the entire product range is marked with the sophisticated eco+ product label developed by Zumtobel to identify particularly energy-efficient products.



B1 | With effect from May 2011, the LED downlight range will also be available in a square design, and will include LED wallwasher models.



B2 | Panos Infinity supremely combines lighting quality, efficiency and design. The efficiency of the luminaire system is currently unique on the market.



B3 | Pioneering role thanks to superior lighting technology: with the passive cooling system for the LED module of the Panos Infinity downlight, Zumtobel has managed to achieve an outstanding improvement of the product qualities.

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