



PANOS evolution R200 L

Application

PANOS infinity is an LED downlight series with high and low construction forms for the application sectors: office, retail and hotel. The LED downlights enable the efficient and high quality illumination of workplaces and traffic routes. They are ideal for general lighting in retail environments as well as accent and all-purpose lighting in office and hotel applications. The luminaires are suitable for both horizontal and vertical lighting.

The use of innovative technology and premium materials as well as a diversity of reflector surfaces in round and square versions make PANOS infinity truly unique. A design highlight are the frameless luminaire versions available across the complete series.

The luminaires feature maximum luminaire efficiency (>100 lm/W) and quality of light (Ra >90). PANOS infinity tunableWhite - with a white light range of 2,700 to 6,500 Kelvin - enables users to modify colour temperature to specific application situations.



- Ideal where ceiling space is limited: recessed depth < 100 mm
- stableWhite LED luminaires, colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: intermediate)
- 50 W version: higher luminaire luminous flux for applications with high ceilings
- Faceted reflector; highly-reflective aluminised finish for zero iridescence
- Smooth reflector; highly reflective aluminised finish for zero iridescence
- Matt reflector with smooth aluminium-look finish
- White reflector, smooth
- EN12464 compliant for office applications with UGR < 19 (16–22 W) when fitted with anti-glare ring (see attachments)
- High-quality reflector unit fixed to modular LED lighting chamber by twist-and-lock mechanism
- High-efficiency LED lighting chamber is integrated in optimised, passive thermal management system; made of diecast aluminium
- Reflector/trim unit made of high-quality, UV-resistant polycarbonate
- White trim
- Complete model consisting of luminaire and ballast unit (switchable) or (LDO: dimmable Dali only/switchDim), and wireless connection via app mit Bluetooth® 4.x - basicDim Wireless
- Service life: 50000 h at 80% luminous flux (50W)
- Service life: 50,000 h at 85% luminous flux
- Luminaire luminous flux: > 1000 lm, > 1800 lm, > 2400 lm, > 5000 lm (depending on luminaire type)
- Colour rendering index: Ra > 80
- Mains voltage: 220–240 V / 0/50/60 Hz
- Installed using PC mounting ring (glass fibre-reinforced) with anti-slip spring clips for tool-free fitting in ceiling recess for ceilings of thickness 1–40 mm
- Simple twist-and-lock mechanism for quick tool-free fitting of luminaire unit
- Luminaire pre-wired using halogen-free leads
- 3-pole connection terminal with plug connection, 5-pole (dimmable Dali only)
- Through-wiring possible
- Central battery-compliant 220 V DC in accordance with EN 60598-2-22, emergency current level to 100 % (not settable)
- LDO: central battery-compliant 220 V DC in accordance with EN 60598-2-22, emergency current level preset to 15 % (can be factory programmed from 1–100 %)
- Models incorporating 3-hour emergency lighting are available on request
- Please go to the main product name in the ONLINE catalog to find the latest power consumption figures based on continuous improvements in efficiency



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An Environmental Product Declaration (EPD) is available for the following products.

PANOS EVO R200L 15W 830 SWI AL WH	60815855
PANOS EVO R200L 15W 840 LDO AL WH	60816047
PANOS EVO R200L 15W 830 LDO SM WH	60816044
PANOS EVO R200L 15W 840 LDO SM WH	60816048
PANOS EVO R200L 19W 840 LDO FAL WH	60816062
PANOS EVO R200L 19W 840 LDO WH WH	60816065

