



### 3338 Visconti 2.0 - byke trials

More and more towns and cities are using LEDs for their street lighting systems. This new technology meets the needs of an urban environment that aspires to be eco-friendly and "smart". The advantage of saving energy ensured by LEDs combines with light control and management systems that turn the new streetlights into nodes of a network for online services.

Disano's street and urban luminaires result from many years of experience in the lighting industry and the constant commitment to the on-going search for innovative solutions.

The VISCONTI LED range is now available in a revised design and comes with the new ADVANCE driver as standard. This driver allows multiple possibilities: consumption optimisation, lighting point adjustment to actual needs and lighting system control. Among the available options, there is the possibility to choose the driver current (to obtain maximum light output when needed and reduce power whenever possible). Additionally, the fixture includes a virtual midnight feature, a programmable system that reduces lighting emissions at night, and the remote monitoring of systems through Zhaga or NEMA sockets.

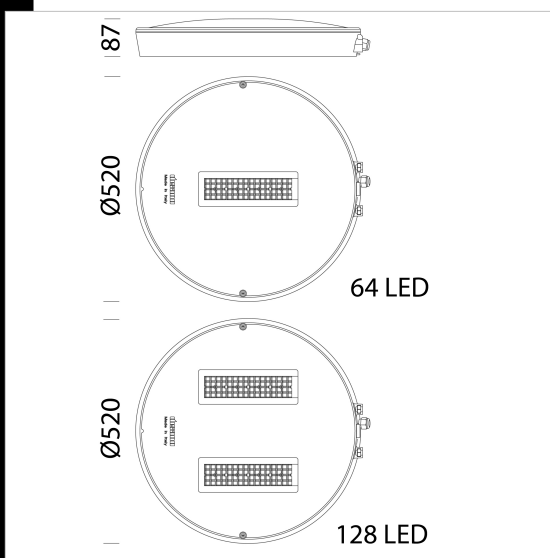
VISCONTI LED comes with different optics for multiple urban routes - street, pedestrian and green areas - and LED sources with 3000 and 4000K colour temperatures that offer the best performance in light quality and energy efficiency.

Housing: pressed in die-cast aluminium with fastening clamp for application of the arms. Pole connection: version with pole connector incorporated directly into the fixture's housing to enable whip-type installation on poles with diameters Ø60mm. Diffuser: tempered glass, 5 mm thick, thermal shock and impact resistant (UNI EN 12150 tests 1/2001). Optics: made of PMMA with high temperature resistance and UV rays. Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cathaphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating. Upon request: coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments. Standard supply: automatic temperature control inside the device with automatic resetting; dedicated electronic device to protect the LED module: Complete with quick connection and anti-condensation valve for air recirculation. Electronic safety device to protect the LED module and the related ballast compliant with EN 61547. It works in two modes: - differential mode: surge between power cables and between the phase and neutral. - common mode: surge between power, L/N and ground cables or between the fixture's body if it is of class II and installed on a metal pole.

Advanced Prog (PROG CLD wiring): luminaires made to meet specific technological needs and designed, as standard, to integrate special functions to ensure high energy-savings, customization options and versatility of use in many applications (e.g. installation with dimmers or emergency supply). These functions are already available on standard products and must be enabled on request. These products do not require any modification to the entire system because the lamp only needs to be connected to mains power supply (no pilot cable and/or control bus required).

#### operating mode

- Luminous flux setup: This can be done by programming the drive current values requested when ordering/purchasing the fixture.
  - Virtual Midnight, order with subcode -30: Stand-alone system with automatic luminous flux reduction in 4 steps (up to max 8 steps available upon request).
  - Broadcast Prog: This allows the reconfiguration of the Virtual Midnight profile, including the enabling/disabling of all the fixtures installed on the same power line (broadcast function) via a sequence of electrical impulses.
  - Mains voltage regulation: This allows varying the luminous flux by adjusting the mains voltage between 170 and 250 V AC.
  - CLO (Constant Light Output): The lighting fixture maintains a constant light output throughout its entire service life.
  - DC power in EM: In centralized emergency systems, the LED Driver automatically detects when the power changes from AC to DC and adjusts the lights to a pre-set value (DC level).
  - Monitoring (default): The driver is equipped with a micro-processor that records the operating conditions from the moment it is turned on.
  - Setup via APP: The NFC technology allows users to set the different operating modes via an APP.
- Upon request:
- Coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments.
  - Nema Socket, subcode 40 (sealing cap to be ordered separately)
  - Zhaga Socket, subcode 0054 (complete with sealing cap)
- LED: Power factor 0.9. Luminous flux maintenance 90%: 100.000h (L90B10).



Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
328240-00	CLD	11,42	LED-4971lm-4000K-CRI 70	34 W	GRAPHITE	6/10kV
328240-39	CLD	11,42	LED-4474lm-3000K-CRI 70	34 W	GRAPHITE	6/10kV
328241-00	CLD	11,42	LED-9641lm-4000K-CRI 70	68 W	GRAPHITE	6/10kV
328241-39	CLD	8,65	LED-8677lm-3000K-CRI 70	68 W	GRAPHITE	6/10kV

#### Accessori



- 286 adjustable arm

The reported luminous flux is the flux emitted by the light source with a tolerance of ± 10% compared to the indicated value. The W tot column indicates the total wattage absorbed by the system without exceeding 10% of the indicated