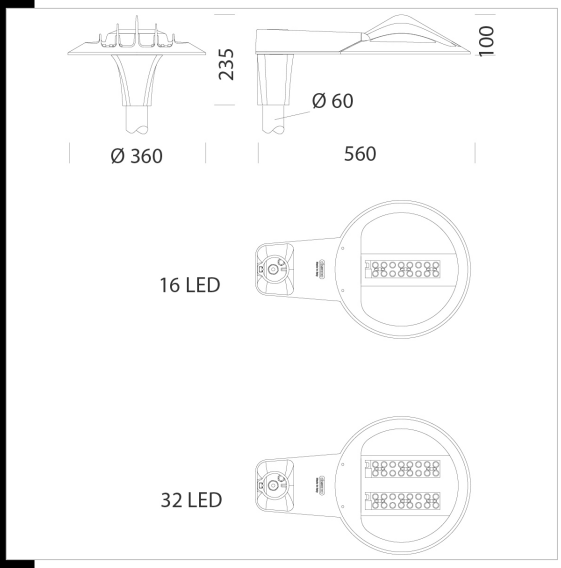
3583 Volo - rotosymmetrical

Housing and frame: pressed in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins are integrated into the cover.
Pole connection: pressed in die-cast aluminium. Suited for poles with a diameter 60 mm.
Diffuser: extra-clear tempered glass, 4 mm thick, resistant to thermal shocks and impacts (UNI-EN 12150-1: 2001).
Coating: the standard liquid immersion coating consists of a first metal surface pre-treatment stage, a successive epoxy cataphoresis corrosion and salt resistant coating, and a final layer of bi-component acrylic liquid UV-stabilised coating.
Standard supply: Automatic temperature control inside the device with automatic resetting. Safety diode to protect against voltage peaks compliant with EN 61547. With dedicated electronic device to protect the LED module. Supplied with connector for mains connection and complete with an air-circulation valve.
Optical system: the modularity of the optical system, the solutions used for the electronic circuit design and the optimal control of operating temperatures, make the new Volo line a highly professional, flexible and reliable product, capable of guaranteeing huge application advantages in several situations
Optique : made of PMMA with high temperature resistance and UV rays.
Energy-saving: the possibility to choose the correct drive current for LEDs will allow you to have the right power under specific design conditions, and also help you deal with maintenance and retrofitting problems. Using a lower current will improve the efficiency of fixtures and therefore increase energy savings, whilst a higher current will result in a higher light flux so that you can reduce the number of fixtures.
Regulations: produced according to applicable EN60598-1 CEI 34-21 standards, degree of protection according to EN 60529 standards.
LED: Power factor >= 0.9.
Luminous flux maintenance 80%: 100.000h (L80B10)
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)

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.
Registered Design DM/100271



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3DS
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Montaggi
- volo 10-20.pdf
- bi-power config.pdf

BIM
- 3583 Volo - rotosymmetrical - 20200224.zip

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
424630-2168	CLD CELL	5.15	LED-4261lm-4000K-CRI 70	33 W	GRAPHITE	6-10kV
424630-3968	CLD CELL	5.21	LED-4035lm-3000K-CRI 70	35 W	GRAPHITE	6-10kV
424632-2168	CLD CELL	5.57	LED-8715lm-4000K-CRI 70	69 W	GRAPHITE	6-10kV
424632-3968	CLD CELL	5.71	LED-8253lm-3000K-CRI 70	69 W	GRAPHITE	6-10kV

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