



### 3290 Sella 1 - ST

Housing and cover: in die-cast aluminium and designed with a very small surface exposed to wind. Cooling fins are integrated into the cover. Optics: in aluminium coated with very high purity (99.99%) silver using physical vapour deposition (PVD). Pole connection: in die-cast aluminium and with gaskets to secure the frame according to different inclinations. Adjustable ranges: between 0° and 20° for side mount; and between 0° and 20° for mast-top mounting. Inclination pace: 5°. Suited for poles with a diameter 42-76. Diffuser: extra-clear, tempered glass, 4 mm thick, resistant to thermal shock and impacts (UNI-EN12150-1: 2001). Coating: Coating: the standard powder coating consists of a first metal surface pre-treatment stage and of single layer of UV-stabilised, corrosion and salt resistant polyester powder coating. The SELLA luminaire is declared to have passed the 2000 hours of salt corrosion resistance test in accordance with ASTM B 117 standard and the 2000 hours of UV condensation test in accordance with the ASTM G 154 standard. Standard supply: double insulation switch that cuts off electricity when the cover is opened. Electronic safety device to protect the LED module and the related ballast compliant with EN 61547. External connector for quick installation. 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. Upon request: protection up to 10KV. Coating compliant with UNI EN ISO 9227 Corrosion tests in artificial atmospheres for aggressive environments. LED: Power factor: >=0.92 maintenance of luminous flux at 80%: >100.000h (L80B10).

Wind surface: 1750cm<sup>2</sup>. The products of the Sella family are compliant with all applicable tests (third-party certification) pursuant to standard ANSI C136.31: Street Lighting - Luminaire Vibration. - Test level: 3.0G Level 2 for bridge/overpass applications.

LED: Luminous flux maintenance (including end-of-life failure) Sella 1: art. 3290 - 3291 L80B10 @ta+25°C L80B10 @ta+50°C L90B10 @ta+25°C L90B10 @ta+50°C n.LED W 8 42 (700mA) >100.000h >100.000h 70.000h 50.000h 16 84 (700mA) 24 126 (700mA)

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

#### Download

DXF 2D  
- 3290n.dxf

#### 3DS

- disano\_3290\_sella\_24\_led.3ds  
- disano\_3290\_sella\_16\_led.3ds  
- disano\_3290\_sella\_8\_led.3ds

#### 3DM

- disano\_3290\_sella\_16\_led.3dm  
- disano\_3290\_sella\_8\_led.3dm  
- disano\_3290\_sella\_24\_led.3dm

#### Montaggi

- bi-power config.pdf  
- sella 07-20.pdf

#### BIM

- 3290 Sella 1 - ST - 20200224.zip

Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330603-00	CLD CELL	6.71	LED-4888lm-700mA-4000K-CRI 70	42 W	GREY	6/8kV
330600-00	CLD CELL	7.04	LED-4888lm-700mA-4000K-CRI 70	42 W	GRAPHITE	6/8kV
330604-00	CLD CELL	7.36	LED-9777lm-700mA-4000K-CRI 70	85 W	GREY	6/8kV
330601-00	CLD CELL	7.34	LED-9777lm-700mA-4000K-CRI 70	85 W	GRAPHITE	6/8kV
330605-00	CLD CELL	7.52	LED-14567lm-700mA-4000K-CRI 70	127 W	GREY	6/8kV
330602-00	CLD CELL	7.52	LED-14567lm-700mA-4000K-CRI 70	127 W	GRAPHITE	6/8kV
330623-00	CLD CELL	7.18	LED-2714lm-350mA-4000K-CRI 70	21 W	GREY	4/6kV
330620-00	CLD CELL	7.56	LED-2714lm-350mA-4000K-CRI 70	21 W	GRAPHITE	4/6kV
330624-00	CLD CELL	7.24	LED-5440lm-350mA-4000K-CRI 70	41 W	GREY	6/8kV
330621-00	CLD CELL	7.80	LED-5440lm-350mA-4000K-CRI 70	41 W	GRAPHITE	6/8kV
330625-00	CLD CELL	7.36	LED-8092lm-350mA-4000K-CRI 70	62 W	GREY	6/8kV
330622-00	CLD CELL	7.32	LED-8092lm-350mA-4000K-CRI 70	62 W	GRAPHITE	6/8kV
330629-00	CLD CELL	7.37	LED-3753lm-530mA-4000K-CRI 70	31 W	GREY	4/6kV
330626-00	CLD CELL	7.60	LED-3753lm-530mA-4000K-CRI 70	31 W	GRAPHITE	4/6kV
330630-00	CLD CELL	7.38	LED-7528lm-530mA-4000K-CRI 70	63 W	GREY	6/8kV
330627-00	CLD CELL	7.50	LED-7528lm-530mA-4000K-CRI 70	63 W	GRAPHITE	6/8kV
330631-00	CLD CELL	7.58	LED-11150lm-530mA-4000K-CRI 70	95 W	GREY	6/8kV
330628-00	CLD CELL	7.72	LED-11150lm-530mA-4000K-CRI 70	95 W	GRAPHITE	6/8kV
330603-39	CLD CELL	7.14	LED-4546lm-700mA-3000K-CRI 70	42 W	GREY	4/6kV
330600-39	CLD CELL	6.80	LED-4516lm-700mA-3000K-CRI 70	42 W	GRAPHITE	4/6kV
330604-39	CLD CELL	7.28	LED-9093lm-700mA-3000K-CRI 70	84 W	GREY	6/8kV
330601-39	CLD CELL	7.31	LED-9093lm-700mA-3000K-CRI 70	84 W	GRAPHITE	6/8kV
330605-39	CLD CELL	7.52	LED-13547lm-700mA-3000K-CRI 70	127 W	GREY	6/8kV
330602-39	CLD CELL	7.52	LED-13547lm-700mA-3000K-CRI 70	127 W	GRAPHITE	6/8kV
330623-39	CLD CELL	6.63	LED-2524lm-350mA-3000K-CRI 70	21 W	GREY	4/6
330620-39	CLD CELL	7.20	LED-2524lm-350mA-3000K-CRI 70	21 W	GRAPHITE	4/6kV
330624-39	CLD CELL	7.30	LED-5059lm-350mA-3000K-CRI 70	41 W	GREY	6/8kV
330621-39	CLD CELL	6.88	LED-5059lm-350mA-3000K-CRI 70	41 W	GRAPHITE	6/8kV
330625-39	CLD CELL	7.30	LED-7526lm-350mA-3000K-CRI 70	62 W	GREY	6/8kV
330622-39	CLD CELL	7.30	LED-7526lm-350mA-3000K-CRI 70	62 W	GRAPHITE	6/8kV
330629-39	CLD CELL	7.30	LED-3490lm-530mA-3000K-CRI 70	31 W	GREY	4/6kV
330626-39	CLD CELL	7.48	LED-3490lm-530mA-3000K-CRI 70	31 W	GRAPHITE	4/6kV

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

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Code	Gear	Kg	Lumen Output-K-CRI	WTot	Colour	Surge
330630-39	CLD CELL	7.40	LED-7001lm-530mA-3000K-CRI 70	64 W	GREY	6/8kV
330627-39	CLD CELL	7.60	LED-7001lm-530mA-3000K-CRI 70	63 W	GRAPHITE	6/8kV
330631-39	CLD CELL	7.50	LED-10370lm-530mA-3000K-CRI 70	95 W	GREY	6/8kV
330628-39	CLD CELL	7.50	LED-10370lm-530mA-3000K-CRI 70	95 W	GRAPHITE	6/8kV
330606-00	CLD CELL	7.78	LED-18801lm-700mA-4000K-CRI 70	168 W	GRAPHITE	
330609-00	CLD CELL	8.38	LED-10340lm-350mA-4000K-CRI 70	82 W	GREY	

#### Accessories



- 504 - Single arm



- 508 - Double arm

#### Posts



- 1508 fluted pole ø120 with base



- 1509 fluted pole ø120



- 1481 tapered steel lighting pole to be buried



- 1480 tapered steel lighting pole with base



- 1494 pole with base



- 1492 poles to be sunk into the ground

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