







64,81 lm/W
 12V DC

14°
 12534 cd/klm

Colour code available

 .01 black

Colour code on request

 .02 white
 .06 grey
 .07 corten
 .08 anthracite
 .09 bronze

Product characteristics










Nano Full Inox: AISI 316L stainless steel body and closing flange with electropolishing treatment. Product with no visible screws. IP68 protection rating with Full Dry system preventing condensation inside the product. External power supply by 350mA to 700mA constant-current transformer. Nano, Nano XL, Nano XXL: Body made in painted and corrosion resistant aluminium alloy. Protection with anodizing treatment, epoxy powder base coating and polyester painting. A4 stainless steel screws. NANO XL and XXL available in 230V.

Technical information

Light source type: LED White 3000K
 Power: 2 W
 Nominal flux: 250 lm
 Luminous efficacy of the light source : 125 lm/W
 Real data: 175 lm
 Real Power : 2,7 W
 Power Supply Unit : 12V DC - to be ordered separately
 Optics: 14°
 Light beam angle: Spot
 Degree of protection: IP65
 Breaking Strength: IK 08
 Class: III
 Lamp position: Fixed
 Weight: 0,40 Kg

Energy classification: A / A+ / A++

Accessories

	8917006 IP68 Gel Connector max. 2 x 0,75 mm2 for Ø 4,8 ÷ 6 mm cable		8917013 IP68 Gel Connector 2 x 1,5 mm2 for Ø 4,5 - Ø 8,5 mm cable
	8935210 Visor		8935211 Tube shield
	9005100 Stainless steel spike for floodlight		9005101 H. 285 mm Stainless steel spike for NANO floodlight
	9005105 Anchor belt		9005250 H. 300 mm rod with aluminium spike
	9005252 H. 600 mm rod with aluminium spike		9005255 H. 1100 mm rod with aluminium spike
	9005260 H. 1700 mm rod with aluminium spike		8956091 Alimentatore (12V DC - 14W) IP67 - max. 4 prodotti
	8956103 Alimentatore (12V DC - 60W) IP67 - max. 19 prodotti		8956109 Alimentatore (12V DC - 18 W) IP20 - max 8 prodotti

The process of galvanisation and multi-coating protection

Platek, a member of the Donati Group, goes well beyond the standards required for conventional protection processes, making use of its long-standing and in-depth expertise in aluminium alloys. Famously, die cast aluminium products are treated with Iridite, Bonderite and converted aluminium: all high-level processes that on their own, are insufficient to ensure perfect performance for the intended use of Platek products, i.e. outdoors. The guarantees offered by the company, provide the outdoor market with additional steps within the production process. For aluminium extruded, die-cast or machined components, Platek provides a galvanised anodising process subsequent to the machining phase in order to protect the threads or surfaces that are easily attacked by the elements and prior to the application of a double coating of paint. This process ensures a level of resistance to corrosion from saline mist, that exceeds those currently available on the market from other firms.

The gluing process and plasma treatment

Over the years, Platek has developed unrivalled experience in the process of bonding glass. As a result of continuous tests and the rigour of its approach, Platek concluded that the simple application of an adhesive or sealant to painted surfaces is insufficient to reach the new standards it imposes and expects for its own products. Throughout 2017 it initiated research into alternatives for existing gluing technologies. This led to the introduction from 2018 of a specific PLASMA treatment which increases the tear-force strength by up to 4 times of that necessary to tear glued surfaces apart. As a result of this treatment, the use of aggressive chemical substances has been eliminated, which compromised the corrosion resistance of external paintwork.

Electric and thermal protection

The final piece of the Platek puzzle is its scrupulous research into the reliability of its LED products. Precisely to cater for growing market demand Platek has introduced their own electrical protection PCBs, increasing their products resistance to electrostatic discharges and power surges. Furthermore, where possible, additional (NTC) thermal protections are used, which communicate with the power supplies, regulating the electric supply to the Platek LEDs so they operate at a suitable temperature.

In order to meet customer demand on the subject of regulation surrounding heat resistance, Platek has gone further and raised the temperature of the thermal chamber. The Platek thermal chamber where products are normally tested, conducts tests to 40°C rather than the normal level of 25°C as required by legislation and unlike other lighting manufacturers. In doing so, all Platek products are able to function perfectly well up to 40°C ambient temperature outside and the thermal protections only intervene when the temperature is in-excess of this by reducing the electric supply to the LEDs.

Precise LED selection

All LEDS used by Platek, once assembled by trusted personnel are tested with suitable instruments to check the colour specification required by Platek standards. The choice of using only 3 McAdams colour steps and with a CRI value exceeding 90, provide a high level of light quality that is difficult to find in the world of outdoor lighting.

Product Warranty

Everything stated in the competitive benefits and in the thermal tests, has allowed Platek to offer a 5-year warranty to customers on LED modules and 3-year warranty on all remaining products. The warranty starts from the date indicated on the invoice and is provided directly by Platek, without the need register the purchase on dedicated web sites.

