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## PRODUCT DATA SHEET

### New Stelo TP traled

**Code : 1052182N**

#### PRODUCT FAMILY

- Outdoor residential cylindrical shaped luminaire, suitable for upright installation on poles Ø60mm on top (IP65)

#### MATERIALS CHARACTERISTICS

- Aluminium housing EN AW 6026, manufactured with numerical control machines and then anodized
- Screw-neck diffuser in transparent PMMA (acrylic), connected to the lamp-holder compartment via a black polycarbonate joint, and sealed with pure neutral silicone anti-mold with low elastic modulus for an excellent resistance to aging, weathering, and UV rays
- Power supply compartment in PC (polycarbonate) black granule
- Fixing spring in harmonic steel AISI 301
- Silicone gaskets
- A2 stainless steel screws

Mechanical properties of silicone, polymerized 7 days at 22°C and 50% relative humidity

- Hardness, Shore A 37
- Tensile strength MPa 2,5
- Elongation at break %680

#### COLOUR

- Black

#### WEIGHT

- Luminaire: 0,4kg
- Single package: 0,5kg (373x105x105mm)

#### LIGHTING CHARACTERISTICS

- LED's lighting source in fixed position
- Immediately ON at 100% of light flux
- Monochromatic LED module (12 Led's)
- Round symmetrical light throw

#### WIRING CHARACTERISTICS

- LED's module 4,3W
- Built-in driver (350mA driver output)
- PG9 plastic cable gland equipped with osmotic valve for air and humidity leakage (reducing the overpressures)
- Connection to the main supply through a H05RN-F 2x0,75sqmm pre-wired cable (35cm) out of the luminaire

#### INSTALLATION AND MAINTENANCE CHARACTERISTICS

- Luminaire for direct installation on pole tops or brackets Ø60mm with maximum thickness 3mm
- Fixing by harmonic steel springs
- Ordinary maintenance not necessary
- Extraordinary maintenance by removing the screw-neck diffuser and unscrewing the screws that secure the cone, in order to reach the wiring compartment
- The "T"-3 ways IP68 connector cannot be placed inside the pole Ø60mm

#### DIMENSIONS

- Round shaped diffuser Ø80mm once installed on the pole. Visible part Ø80x165mm
- Total height 278mm

#### TECHNICAL SPECS

- Led's consumption: 4,3W
- Luminaire consumption: 5,1W
- Power factor: 0,4C
- Step MacAdam: 3
- Lifetime Led's: L70/B50>60Kh - Tc 105°C
- Warranty: 5 years

#### TECHNICAL SPECS 4000K

- Led's output: 672lm@tc25°C
- Luminaire output: 557lm@ta25°C
- Led's efficiency: 157,4lm/W
- Luminaire efficiency: 110lm/W

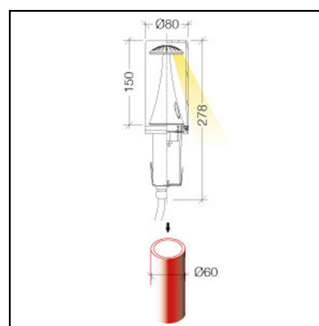
#### TECHNICAL SPECS 3000K

- Led's output: 633lm@tc25°C
- Luminaire output: 525lm@ta25°C
- Led's efficiency: 148,2lm/W
- Luminaire efficiency: 103,7lm/W

Rev 02-16/02/2023

#### Details

- Conformity with EU Directives
- Double insulation/class II
- IK06
- IP 65



100-240V 50/60Hz 5,1W

