

TENDER DOCUMENTATION

NAIT MT-24LED 2700K 45W OA RAL9007 EL.CLASS-I

HOUSING:

- High-pressure die-cast aluminum housing
- The cooling fins of the housing are exposed to the atmosphere
- Gray body color (RAL9007), resistant to corrosion and brine
- Flat, tempered safety glass (optical output of LED lamp), thickness min. 5 mm
- Silicone seal around protective covers
- Stainless steel nuts, screws and washers
- Modular maintenance and repair of the luminaire is available
- Horizontal and vertical mounting on a pole / arm (F142-60 mm) with adjustable tilt lamp
 - $0^\circ / \pm 5^\circ / \pm 10^\circ / \pm 15^\circ$ (horizontal mounting)
 - $0^\circ / \pm 5^\circ / \pm 10^\circ / \pm 15^\circ$ (vertical mounting)
- Protection against water and dust: minimum IP66
- Protection against mechanical impact: minimum IK09
- Built-in valve for pressure equalization
- Maximum net weight of the light: 6,2 kg
- IP66/68 quick connector to connect the light without opening the housing

OPTICAL CHARACTERISTICS:

- Road optics, full cut-off
- CCT: 2700 K
- CRI: ≥ 70
- Luminous efficiency of LED lamp: minimum 129 lm/W
- Minimum luminous flux of LED lamp: 5862,9 lm
- Drive current of LED module: maximum 610 mA
- Total connected power of LED lamp: maximum 45,43 W

ELECTRICAL CHARACTERISTICS:

- Input voltage: 220...240 V, 50-60 Hz
- Operating temperature: -40 to +55 °C
- LED driver with thermal protection and surge protection minimum 10 kV
- 5-step automatic power reduction (Astronomical response)
- Electrical protection class (IEC): Class I (Class II on request)
- Ambient temperature: $T_a=55^\circ\text{C}$

ADDITIONAL:

- ENEC certificate
- EU origin
- 5-year warranty on all components
- ULOR = 0