

TENDER DOCUMENTATION

ICON IC-16 - 24W OPTICS-A; RAL9007

HOUSING:

- High-pressure die-cast aluminum housing
- 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 screws and washers
- Modular maintenance and repair of the luminaire is available
- Protection against water and dust: minimum IP66
- Protection against mechanical impact: minimum IK10/IK08
- Built-in valve for pressure equalization
- Maximum net weight of the light: 2,54 kg
- IP66/68 quick connector to connect the light without opening the housing

OPTICAL CHARACTERISTICS:

- Road optics, full cut-off
- CCT: 4000 K
- CRI: ≥ 70
- Luminous efficiency of LED lamp: minimum 129 lm/W
- Minimum luminous flux of LED lamp: 3096 lm
- Drive current of LED module: maximum 500 mA
- Nominal power of LED lamp: maximum 24 W

ELECTRICAL CHARACTERISTICS:

- Input voltage: 120...277 V / 50 ~ 60 Hz
- Power factor: 0.95/0.90
- Operating temperature: -20 to +45 °C
- LED driver with thermal protection and surge protection minimum 10 kV
- 5-step automatic power reduction (Astrological response)
- Long life span of LED lamp: >100.000 h (L80/B10)
- Electrical protection class (IEC): Class I (Class II on request)
- Ambient temperature: $T_a=35^{\circ}\text{C}$

ADDITIONAL:

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