

## TENDER DOCUMENTATION

ICON IC-16 - 35W OPTICS-A; RAL9007

### HOUSING:

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- 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:

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- Road optics, full cut-off
- CCT: 4000 K
- CRI:  $\geq 70$
- Luminous efficiency of LED lamp: minimum 125 lm/W
- Minimum luminous flux of LED lamp: 4375 lm
- Drive current of LED module: maximum 700 mA
- Nominal power of LED lamp: maximum 35 W

### ELECTRICAL CHARACTERISTICS:

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- 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:

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