SOLAR LED LIGHT

LED TRAFFIC MODULE

Cod. T08G-LX3-A725 200mm TRAFFIC GREEN LED EN12368 230V
Cod. T08R-LX3-A725 200mm TRAFFIC RED LED EN12368 230V
Cod. T08Y-LX3-A725 200mm TRAFFIC YELLOW LED EN12368 230V
Cod. T12G-LX3-A725 300mm TRAFFIC GREEN LED EN12368 230V
Cod. T12R-LX3-A725 300mm TRAFFIC RED LED EN12368 230V
Cod. T12Y-LX3-A725 300mm TRAFFIC YELLOW LED EN12368 230V

- **Patent Pending design enables direct replacement of existing bulbs without removing existing reflectors and sockets, reducing retrofit costs.**
- **Up to 90% savings in maintenance costs.**
- **Up to 90% savings in energy costs.**
- **Meet or exceed prEN12368**

CE

ELECTRICAL

- Operating voltage range of 200 VAC to 240 VAC on 60 Hz AC line.
- A regulated power supply engineered to electrically protect the LEDs and maintain safe and reliable operation.
- Operating current measured across each LED does not exceed an average of 30mA at normal voltage.
- Transient voltage suppression is rated at 1.500 watts for 1 millisecond and fusing with a maxi-mum rating of 2 AMPS.
- The unit has a diode string failure rate of no more than “1 for 5”, that is, for any individual diode failure no more than five(5) diodes may be out.
- Power factor is 0.95 or better and total harmonic distortion is 20% or less.

OPTICAL

- Tinted lenses that accurately matched to the dominant wavelenght of the LEDs are provided.
- Beam color of each retrofit module meets prEN12368.
- Beam intensity of each retrofit module meets or exceeds prEN12368 (class A 3/1). LEDs of TS-AllnGaP technology are used for red and yellow retrofit modules and LEDs of GaInN technology are used for green retrofit modules. These LEDs are rated for 100.000 or more hours of operation at the specified amperage and operating temperature.

ENVIRONMENTAL

- Operating temperature range of -40°C (-40°F) to +74°C (0165°F)
- The retrofit modules are dust and moisture tight to protect internal LED electrcal components and allow for safe handing in all weather conditions.

PRODUCTION TESTING

- Each retrofit module is subject to a burn-in test. It is energized for 24 hours at operating volt-age (220 VAC) and at a temperature of 60°C (140°F) to ensure product reliability prior to ship-ment.
- After the burn-in test is completed, light intensity is then measured at rated operating voltage (220 VAC) at 25°C to ensure light intensity specification is met.

AMLUX srl Via Belgio, 11/13 46042 Castel Goffredo (MN)
Tel. +39 0376781094 www.amlux.it - info@amlux.it