

# Installation Guide

## — Philips TrueForce LED Road Lamp



Please take the time to read this installation guide. The guide contains important information and notes regarding the installation and operation.

### IMPORTANT!

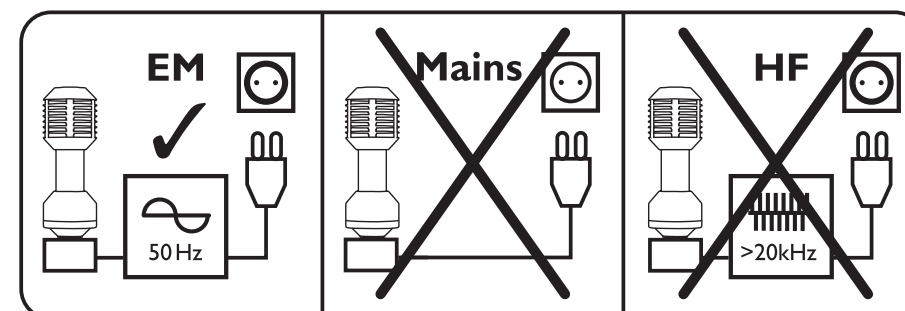
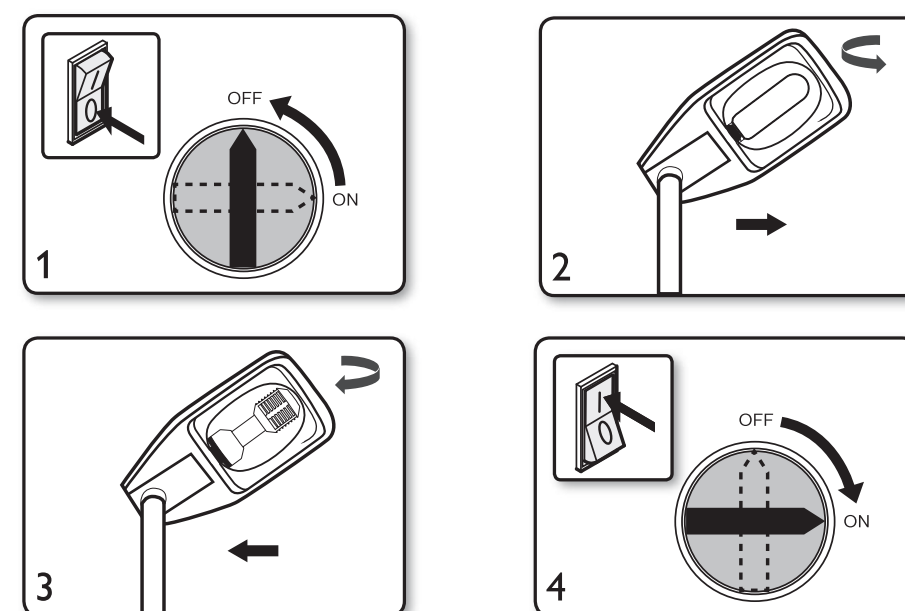
- The product functions as HID lamp in road lighting application, such as high pressure sodium lamp (50/70W), metal halide lamp (50/70W) and high pressure mercury lamp (80W).
- The product is designed to fit in standard IEC compliant E27 lamp holders.
- Always switch off the power supply before commencing work!
- Please read the installation instructions carefully to ensure safety.
- The product is not dimmable.
- The product is not compatible to use with electronic ballast.
- This product is not used to mains voltage directly.
- Suitable for use in operating temperature range between  $-40^{\circ}\text{C}$  to  $+45^{\circ}\text{C}$ .
- Do not change the structure or any components of the product to ensure safety.
- The product should be installed by professional electrician.
- Perform inspection before installation to ensure the luminaire and lamp holder are in good condition to carry the weight and performance of the product.
- Use the enclosed luminaires only, recommend to use in the luminaire with  $\text{IP} \geq \text{X4}$  to ensure maximum product life.
- Use in horizontal  $\pm 15^{\circ}$  burning position only.
- Please do not apply the product in applications which contains emergency or/and explosive proof luminaires.
- The total system performance may vary depending on the lighting/luminaire system.
- For latest information, please refer to [www.philips.com/lighting](http://www.philips.com/lighting).
- In case of doubt, please consult Signify representative.
- The minimum dimensions requirement on lamp compartment is (L x  $\varnothing$ ) 220mm x 170mm. Please check the Tc temperature in application guide for best performance.
- Do not install any lamp which is deformed or damaged from transportation or handling.
- Compatible with EM ballasts 50Hz only.
- Keep lamps clear during application (esp. no oil contamination on glass tube), to ensure good lamp performance.

#### DISCLAIMER:

Signify disclaims liability for any direct, indirect or incidental damages in case of installation performed either not according to this guide or not performed by a professional electrician.



# PHILIPS



SYMBOL	MEANING
	LAMP SUITABLE FOR 50Hz OR 60Hz OPERATION
	NEED TO BE USED IN DRY CONDITIONS OR IN A LUMINAIRE THAT PROVIDES PROTECTION

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