

Before the conversion

Verify the ambient condition of luminaire. The following must be checked:

1. The ambient temperature of the luminaire is within a temperature range of -20C° - +45C.
2. The ambient conditions on site (dirt, water, dust) comply with the specification of the luminaire (IP protection)
3. There is no influence of chemically active substances (e.g. sulphur).
4. The luminaire is mounted on a normal surface OR the luminaire has a D or FF marking when mounted on highly flammable surfaces

Verify the application and intended purpose of the luminaire:

1. The original performance, purpose or type of the luminaires remain unchanged after the conversion.
2. The luminaire is not intended for emergency lighting
3. The luminaire is not used in a sports hall OR the luminaire has a ball impact safety sign when used in a sports hall.
4. The luminaire is not ATEX-certified.
5. If luminaire is connected to lighting control system, please consult your signify contact for suitability information.

During the conversion

Visual inspection of the luminaire

1. The luminaire and mounting show no visible damage (no deformations, dents, openings and cracks or other damage, e.g. to seals).
2. Plastics that hold live parts in position or provide protection against electric shock have sufficient mechanical strength.
3. Lamp holders are in good condition.
4. Wiring and insulation are in good condition.
5. Appropriate wire clamps are on hand.

For proper modification, please follow the installation instructions supplied with the LED lamp.

1. Make sure the conversion does not change the protection class of the luminaire. The following requirements must be met:
 - a. All conductive housing parts of protection class 1 luminaires are connected to the protective conductor system of the electrical installation.
 - b. Protection class 2 luminaires have reinforced or double insulation.
2. If new cables are used, all requirements regarding e.g. cable cross sections are met.

Note:

1. EMC conformity is guaranteed when Philips LED lamps are used.
2. Philips LED lamps comply with the blue light classification RG0/RG1 and can be used without further testing

After the conversion

The converted luminaire must no longer be operated with fluorescent lamps. To indicate this, the enclosed warning sticker shall be applied clearly visible next to the type plate of the luminaire. Give a final check that

1. The luminaire is mounted thoroughly
2. The provided warning sticker is clearly visible next to the type plate of the luminaire.