

# WHITE PAPER

By Pozeen Lighting University



## SAFETY CLASS

Introducing Regulation of Light Fixture Insulation

## **ELECTRICAL SHOCK PROTECTION**

Each luminaire is insulated so that any exposed metal parts do not carry electrical current.

Parts that carry current during normal operation must be protected against contact either by insulation or a suitable cover. Additional measures are taken to prevent exposed metal parts carrying current even if an insulation fault occurs.

## **IGNITION/FIRE PROTECTION**

When operated, luminaires generate heat. The following symbols are used for luminaires that can be mounted on flammable materials.