



Technical Data Sheet

GlassGuard® Coated Elliptical Mercury Lamps

Fixture Type	Wattage
All types	250w/400w

GlassGuard BlackBand® coatings are applied to lamps from the leading brands: Philips, Osram, GE and Sylvania

Product Description

High pressure mercury lamp with high temperature Fluoro Polymer coating externally applied to contain fragments in the event of accidental breakage

Product Features

- Impact resistant to 7m (some glass fragments may escape up to a 1m radius)
- Suitable for open and enclosed fixture operation
- Coating service life = lamp service life (if not exceeded by 250°C in base up applications)
- 95% Visible light transmission through coating
- FDA compliant to 21CFR177.1550 for food contact
- Coating manufactured in accordance with ISO9001:2008
- Temperature resistance in compliance with IEC60598-1 (passes 850°C glow wire test and needle flame test)
- Lamp and coating fully recyclable

Product Benefits

- Reduces risk of glass contamination over wide areas if accidentally broken helping to protect products, personnel and profits
- Achieves HACCP compliance quickly and easily to a high standard
- Passes all retail and hygiene audits
- Coating resistant to acids and alkalis
- Can be cleaned and pressure washed
- Long life protection providing client savings through cost of ownership

Application

- Food, Beverage, Packaging, Pharmaceutical, Leisure, Public Sector, Distribution and Warehouses
- Coating temperature range -75°C to +270°C
- Base Up installations only (High Bay)

Environment

- Helps to protect surrounding areas from contamination in the event of accidental breakage
- Long service life
- RoHs compliant
- Covered by WEEE