



# Technical Data Sheet

## GlassGuard® Coated Incandescent and IR Lamps

Type	Wattage	Cap Type
GLS	25w/40w/60w	BC/ES
Golf Ball 45mm	40w/60w	BC/ES/SBC/SES
Candle	40w/60w	BC/ES/SBC/SES
Infra Red/Clear/Ruby	150w/175w/250w	ES

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

### Product Description

Standard incandescent and R125 infra red lamps with high temperature Fluoro Polymer coating externally applied to contain fragments in the event of accidental breakage

### Product Features

- Impact resistant to 4 metres
- 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 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
- Resistant to thermal shock (water splatter)

### Application

- Food Preparation and Warmers, Food Ranges and Cooking, Grain Storage, Poultry and Livestock, General Light Sources
- Coating temperature range -75°C to +270°C
- Base Up installations only
- Retro fit existing lamps

### Environment

- Helps protect surrounding areas from glass contamination in the event of accidental breakage
- No lead or mercury
- RoHs compliant
- No recycling charges