

# Product Data Sheet

## GlassGuard® Coated Elliptical Metal Halide and Mercury Lamps



### Product Description

**Metal Halide** - Quartz metal halide lamp with high temperature fluoropolymer coating externally applied to retain glass fragments in the event of accidental breakage.

**Mercury** - High pressure mercury lamp with high temperature fluoropolymer coating externally applied to retain glass fragments in the event of accidental breakage.

### Product Features

- Impact resistant to 7 metres
- Suitable for open and enclosed fixture operation
- Coating service life = lamp service life (if not exceeded by 250°C in vertical burning position)
- 95% visible light transmission through coating
- FDA compliant to 21CFR177.1550 for food contact
- Coating temperature resistant to IEC 60598-1 (passes 850°C glow wire test and needle flame test)
- Lamp and coating recyclable
- RoHs compliant

### Product Benefits

- Reduces the risk of widespread glass contamination when accidentally broken - protecting product, personnel and profits
- Simple retrofit into existing installations with unprotected glass lamps
- Achieves HACCP compliance quickly and easily to a high standard
- Passes all food safety management system audits
- Coating inert to acids and alkalis
- Coating will not discolour
- Simple retrofit for standard glass lamps

### Applications

- Food, beverage, packaging, storage, distribution and warehouses
- Base-up installations only (Bay luminaire fixtures)

MSDS (Material Safety Data Sheet) available.

Lamps must be replaced at the end of their rated life.

Do not operate in horizontal position.

All products where applicable are subject to WEEE recycling charge.

Our high quality GlassGuard® coating is applied to lamps from the leading brands:

Philips, GE, Osram, Sylvania and Venture



GlassGuard® is a trading division of Fotolec Technologies Ltd  
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## GlassGuard® Coated Metal Halide Lamps

<i>Stock Code</i>	<i>Wattage</i>	
250WHIE/S	250 W	Elliptical Metal Halide*
400WHIE/S	400 W	Elliptical Metal Halide*



\*Can be operated with both sodium and mercury control gear

## GlassGuard® Coated Mercury Lamps

<i>Stock Code</i>	<i>Wattage</i>	
80HPLN/S	80 W	Elliptical Mercury
125HPLN/S	125 W	Elliptical Mercury
250HPLN/S	250 W	Elliptical Mercury
400HPLN/S	400 W	Elliptical Mercury

