

Product Data Sheet

GlassGuard BlackBand® Fragment Retention Lamps



Product Description



Fluorescent lamps with high temperature fluoropolymer coating applied externally to retain glass fragments and phosphor powder in the event of accidental breakage.

Product Features

- Single BlackBand® ring marking in compliance with IEC 61549
- Coating service life is equal to lamp service life
- Suitable for open and enclosed luminaire operation to full rated lamp life
- Will not discolour over lamp service life
- Coating FDA compliant to 21CFR177.1550 for food contact
- Coating passes IEC 60598-1 850°C glow wire and needle flame tests
- Lamp and coating can be recycled
- Direct extrusion lamp coating process certified to ISO 9001:2008 quality management system and major lamp OEM supplier approvals
- High resistance to elevated temperature and aggressive chemical environments
- Coating continuous service temperature range -70°C to +200°C
- RoHs compliant

Product Benefits

- Glass fragment retention at end of lamp service life
- Significantly reduces the risk of glass contamination to a recognised industry standard - protecting product, personnel and profits
- Achieves HACCP compliance quickly and easily
- Fast identification of IEC 61549 compliant lamp during food safety management system audits
- 99% visible light transmission through coating
- Coating inert to acids and alkalis
- Long life protection providing client savings through cost of ownership

Applications

- Suitable for all food process and packaging environments

Caution notice: For applications using dimmable or presence detection systems, refer to the system or fixture manufacturers guidance notes for "Ageing" of new lamps, otherwise lamp life may be compromised.

MSDS (Material Safety Data Sheet) available

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

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 and Sylvania



GlassGuard® is a trading division of Fotolec Technologies Ltd
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LAMPS - COATINGS - EXTRUSIONS

GlassGuard BlackBand® T8 to IEC 61549



Stock Code	Length	Wattage	Colour	Service Life (hours)	
583/S	18" / 450mm	15 W	830 / Warm White	20,000	
1584/S	18" / 450mm	15 W	840 / Cool White	20,000	
1883/S	2ft / 600mm	18 W	830 / Warm White	20,000	
18835/S	2ft / 600mm	18 W	835 / White	20,000	
1884/S	2ft / 600mm	18 W	840 / Cool White	20,000	
1884EXTRA/S	2ft / 600mm	18 W	840 / Cool White	42,000	Long life
1884EXT/S	2ft / 600mm	18 W	840 / Cool White	66,000*	Extra long life
1884XTRAPOLAR/S	2ft / 600mm	18 W	840 / Cool White	47,000	Long life / Cold environment
18865/S	2ft / 600mm	18 W	865 / Office Daylight	20,000	
18965/S	2ft / 600mm	18 W	965 / Artificial Daylight	20,000	
1879/S	2ft / 600mm	18 W	79 / Gourmet	20,000	For meat display
3083/S	3ft / 900mm	30 W	830 / Warm White	20,000	
3084/S	3ft / 900mm	30 W	840 / Cool White	20,000	
3079/S	3ft / 900mm	30 W	79 / Gourmet	20,000	For meat display
3683/S	4ft / 1200mm	36 W	830 / Warm White	20,000	
36835/S	4ft / 1200mm	36 W	835 / White	20,000	
3684/S	4ft / 1200mm	36 W	840 / Cool White	20,000	
3684EXTRA/S	4ft / 1200mm	36 W	840 / Cool White	42,000	Long life
3684EXT/S	4ft / 1200mm	36 W	840 / Cool White	66,000*	Extra long life
3684R/S	4ft / 1200mm	36 W	840 / Cool White	20,000	With internal reflector
36865/S	4ft / 1200mm	36 W	865 / Office Daylight	20,000	
36965/S	4ft / 1200mm	36 W	965 / Artificial Daylight	20,000	
3679/S	4ft / 1200mm	36 W	79 / Gourmet	20,000	For meat display
5883/S	5ft / 1500mm	58 W	830 / Warm White	20,000	
58835/S	5ft / 1500mm	58 W	835 / White	20,000	
5884/S	5ft / 1500mm	58 W	840 / Cool White	20,000	
5884EXTRA/S	5ft / 1500mm	58 W	840 / Cool White	42,000	Long life
5884EXT/S	5ft / 1500mm	58 W	840 / Cool White	66,000*	Extra long life
5884EXT-POLAR/S	5ft / 1500mm	58 W	840 / Cool White	66,000*	Extra long life / Cold environment
5884R/S	5ft / 1500mm	58 W	840 / Cool White	20,000	With internal reflector
58865/S	5ft / 1500mm	58 W	865 / Office Daylight	20,000	
58965/S	5ft / 1500mm	58 W	965 / Artificial Daylight	20,000	
5879/S	5ft / 1500mm	58 W	79 / Gourmet	20,000	For meat display
7083/S	6ft / 1800mm	70 W	830 / Warm White	20,000	
70835/S	6ft / 1800mm	70 W	835 / White	20,000	
7084/S	6ft / 1800mm	70 W	840 / Cool White	20,000	
7084EXTRA/S	6ft / 1800mm	70 W	840 / Cool White	42,000	Long life
70865/S	6ft / 1800mm	70 W	865 / Office Daylight	20,000	
70965/S	6ft / 1800mm	70 W	965 / Artificial Daylight	20,000	

*Dependent on ballast used