

Product Data Sheet

GlassGuard BlackBand® Fragment Retention Lamps T5 16mm Diameter Fluorescent Lamps



Safer Lighting Solutions

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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Issue 1 (Sep-15)

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GlassGuard BlackBand® T5 to IEC 61549



Stock Code	Length	Wattage	Colour	Service Life (hours)	
883/S	12" / 300mm	8 W	830 / Warm White	20,000	
884/S	12" / 300mm	8 W	840 / Cool White	20,000	
1383/S	21" / 525mm	13 W	830 / Warm White	20,000	
1384/S	21" / 525mm	13 W	840 / Cool White	20,000	
1483/S	563mm	14 W	830 / Warm White	20,000	
1484/S	563mm	14 W	840 / Cool White	20,000	
14865/S	563mm	14 W	865 / Office Daylight	20,000	
2483/S	563mm	24 W	830 / Warm White	20,000	
2484/S	563mm	24 W	840 / Cool White	20,000	
24865/S	563mm	24 W	865 / Office Daylight	20,000	
2183/S	863mm	21 W	830 / Warm White	20,000	
2184/S	863mm	21 W	840 / Cool White	20,000	
21865/S	863mm	21 W	865 / Office Daylight	20,000	
3983/S	863mm	39 W	830 / Warm White	20,000	
3984/S	863mm	39 W	840 / Cool White	20,000	
39865/S	863mm	39 W	865 / Office Daylight	20,000	
2883/S	1163mm	28 W	830 / Warm White	20,000	
2884/S	1163mm	28 W	840 / Cool White	20,000	
28865/S	1163mm	28 W	865 / Office Daylight	20,000	
5483/S	1163mm	54 W	830 / Warm White	20,000	
5484/S	1163mm	54 W	840 / Cool White	20,000	
5484EXTRA/S	1163mm	54 W	840 / Cool White	42,000	Long life
54865/S	1163mm	54 W	865 / Office Daylight	20,000	
3583/S	1463mm	35 W	830 / Warm White	20,000	
3584/S	1463mm	35 W	840 / Cool White	20,000	
35865/S	1463mm	35 W	865 / Office Daylight	20,000	
4983/S	1463mm	49 W	830 / Warm White	20,000	
4984/S	1463mm	49 W	840 / Cool White	20,000	
4984EXTRA/S	1463mm	49 W	840 / Cool White	42,000	Long life
49865/S	1463mm	49 W	865 / Office Daylight	20,000	
8083/S	1463mm	80 W	830 / Warm White	20,000	
8084/S	1463mm	80 W	840 / Cool White	20,000	
8084EXTRA/S	1463mm	80 W	840 / Cool White	42,000	Long life
80865/S	1463mm	80 W	865 / Office Daylight	20,000	