

Product Data Sheet

GlassGuard Blackband® T8 LED Lamps



Product description

Retrofit BRC approved LED tube for high frequency, mains or direct mains connection fluorescent luminaires with a high temperature chemical resistant fluoropolymer coating applied externally to retain plastic fragments in the event of accidental breakage.

Maximise return on investment

- LED retrofit tubes ensure you maximise the lifetime of the luminaire as you only need to replace the tube at the end of service life, not the luminaire
- Coupled with our LiveLED open rated and diffused direct mains connection luminaires significant energy and maintenance savings are achieved
- Alternatively they offer a cost effective way to upgrade your existing luminaires
- GlassGuard offer magnetic and high frequency ballast versions

Product features

- Single BlackBand® ring marking for easy identification
- Coated to a recognized industry standard
- Suitable for open and enclosed luminaire operation between -20°C and +35°C ambient
- 99% visible light transmission through coating
- 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
- Lamp coating process certified to ISO 9001:2008 quality management system and major lamp OEM supplier approvals
- Coating service temperature range -70°C to +200°C
- RoHs compliant

Product benefits

- Rated to 50,000 hours (5.7 years) service life, significantly reducing maintenance costs
- Philips 25w delivers high output of *3,700 lumen
- Significantly reduces the risk of plastic contamination and shedding of particles which can be difficult to detect
- BlackBand® ring marking allows fast identification during food safety management system audits
- Coating inert to all acids and alkalis
- Lamp can be cleaned and washed when used in GlassGuard® IP65 open-rated luminaire
- Direct retrofit for existing mains (Magnetic Ballast) and high-frequency luminaires

Applications

- Suitable for standard and aggressive environments where cleaning chemicals are present*
- Ideal for cold-room storage

*Luminaire dependent

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.



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<i>Length</i>	<i>Wattage</i>	<i>Colour</i>	<i>Service Life (hours)</i>	
4ft / 1200mm	20	840/865	50,000	With Rotating End Caps
5ft / 1500mm	25	840/865	50,000	With Rotating End Caps
6ft / 1800mm	25	840/865	50,000	With Rotating End Caps

Note: Wattage, lumen outputs and operating temperatures vary with brand. Please contact your local Lighting Advisor for advice on the right product for your environment.