

Product Data Sheet

GlassGuard Blackband® T5 LED Lamps



Product description

T5 LED high frequency retrofit high output energy efficient lamp with a high temperature chemical resistant fluoropolymer coating applied externally to retain glass and plastic fragments in the event of accidental breakage.

Maximise return on investment

- Ultra long service life T5 LED tubes (up to 60,000 hour/6.9 years) ensure maximum luminaire lifetime as they can be replaced
- Most integrated LED (strip or board) luminaires do not have replaceable components and require removal, repurchase and installation
- A cost-effective way to upgrade your luminaires

Product features

- Single BlackBand® ring marking
- Coated to a recognized industry standard EN61549
- Suitable for open and enclosed luminaire operation between -30°C and +40°C ambient (brand dependent)
- 99% visible light transmission through coating
- Coating FDA compliant to 21CFR177.1550 for food contact
- Coating passes EN 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

- Very high light output allowing for reduced numbers of luminaires, reduced capital cost and reduced payback periods
- Rated to 60,000 hours (6.9 years - brand dependent) service life, significantly reducing maintenance costs
- Significantly reduces the risk of glass and 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

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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Length Wattage Colour Service Life (hours)

5ft / 1449mm	25/26/37w	840/865	50,000/60,000
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Beam angle 160°

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.