



Help protect your customers, employees, and reputation

Tuff Guard High CRI T8 Lamps

Tuff Guard T8 lamps are designed to contain shattered glass particles in case of accidental breakage. Coated lighting is essential to help ensure the welfare of your customers, employees, and operation.

Benefits

- Reduced impact on the environment without sacrificing performance
- ALTO II means 50% less mercury than the original ALTO T8 lamps
- High Color Rendering Index

Features

- 95% lumen maintenance and reduced lamp-end blackening
- 90 color rendering index
- Only 1.7mg of mercury with ALTO II technology
- Protective coating may reduce initial lumens by 5-7%

Application

- Industry
- Food & Retail

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Warnings and Safety

- The lamps must be installed and operating in ambient temperatures below 120°F.
- The lamps cannot be used in fixtures employing defective ballasts, ballasts that have been used longer than their rated life or ballasts that are improperly wired.
- The lamps cannot be used in fixtures where poor pin contact occurs.
- Lamp types and ballast types must be compatible (rapid start lamps with rapid start ballast, etc.).
- Lamps are recommended for open fixtures.

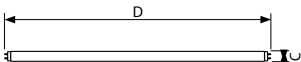
Versions



LPPR1 F-T8-ADV G13 GB

Dimensional drawing

Product	C (max)	D (max)
F32T8/TL935/ALTO TG 30PK	1,213.6 mm	27.9 mm
F32T8/TL941/ALTO TG 30PK	1,213.6 mm	27.9 mm
F32T8/TL950/ALTO TG 30PK	1,213.6 mm	27.9 mm
F32T8/TL965/ALTO TG 30PK	1,213.6 mm	27.9 mm



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General Information	
Cap-Base	G13
Light Technical	
Beam Angle (Nom)	0 degree(s)
Color rendering index (CRI)	>90
Operating and Electrical	
Lamp Current (Nom)	265 mA
Voltage (Nom)	137 V
Wattage Equivalent	32 W
Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Shape	T-8
Approval and Application	
Mercury (Hg) Content (Nom)	1.7 mg

Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)
927871203913	F32T8/TL941/ALTO TG 30PK	4100 Kelvin	4100 K
927871204905	F32T8/TL935/ALTO TG 30PK	-	3500 K
927871205506	F32T8/TL950/ALTO TG 30PK	5000 Kelvin	5000 K
927871205708	F32T8/TL965/ALTO TG 30PK	6500 Kelvin	6500 K

