

Tube Guards



Commercial Lighting Company tubeguards provide full protection against fluorescent lamp breakage by retaining the shattered glass and phosphors.

CLC tubeguards are made of clear extruded polycarbonate and meet or exceed OSHA, FDA and USDA requirements. Water clear polycarbonate ensures excellent light transmission characteristics.

Colors and Styles - In addition to standard clear tubeguards, Commercial Lighting Company T12 and T8 tubeguards are available in a variety of colors (green, blue, gold, yellow, orange, red, pink and smoke). T5 tubeguards are available in clear only. End caps available in white and black polypropylene with talc.

Ultraviolet Filtering - Commercial Lighting ultraviolet filtering tubeguards are manufactured of clear acrylic V920 with UVA7 (UV protection upto 480 nm) or amber acrylic with UVA7 (UV protection upto 520 nm). Amber polycarbonate with UV blocking additive are also available (UV protection upto 520 nm).

Heat Sink Screens - Heat sink screens are necessary with high-output (HO) lamps which create excessive heat at the ends of the lamp. The open metal mesh spreads the excess heat of the lamp, eliminating deterioration of the plastic sleeve.

Dimming Matrix - control effective light output by rotating tubeguard; a linear gradient curve matrix film inserted in the tubeguard adjusts light output from 0-100%.

Usage Information - Tubeguards to be used with T8 and T5 lamps when used in conjunction with electronic high efficiency ballasts that are designed to prevent overheating at "end of life" of the lamp or when T8 or T5 lamps are operated by electromagnetic ballasts.



T8 Matrix Tube Guard

Commercial Lighting Company

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Catalog No.	Color*	End Cap	Lamp Description
T8 Lamps			
PAL 96T8-C	Clear	PAL T8	F96 T8
PAL40T8-C	Clear	PAL T8	F32 T8
PAL36T8-C	Clear	PAL T8	F25 T8
PAL18T8-C	Clear	PAL T8	F15 T8
PAL40T8-Matrix	Matrix Dimming	PAL T8	F32 T8
PAL96T8-CUV	Clear UVA 7	PAL T8	F96 T8
PAL40T8-CUV	Clear UVA 7	PAL T8	F32 T8
PAL36T8-CUV	Clear UVA 7	PAL T8	F25 T8
PAL18T8-CUV	Clear UVA 7	PAL T8	F15 T8
T12 Lamps			
PAL96-C	Clear	PAL C	F96 T12
PAL72-C	Clear	PAL C	F72 T12
PAL40-C	Clear	PAL C	F40 T12
PAL96-Matrix	Matrix Dimming	PAL C	F96 T12
PAL40-Matrix	Matrix Dimming	PAL C	F40 T12
PAL96-CUV	Clear UVA 7	PAL C	F96 T12
PAL72-CUV	Clear UVA 7	PAL C	F72 T12
PAL40-CUV	Clear UVA 7	PAL C	F40 T12
T5 Lamps			
PAL35T5-C	Clear	PAL T5	F35 T5
PAL28T5-C	Clear	PAL T5	F28 T5
PAL21T5-C	Clear	PAL T5	F21 T5
PAL14T5-C	Clear	PAL T5	F14 T5
Heat Sink Screens			
PAL HS	Open Mesh		T12HO

Color Specification: Replace suffix letter Clear (C) with Red (R), Green (G), Blue (B), Pink (P), Gold/Amber (G), or Bug Light Yellow (Y).

Replacement End Caps: PAL - C (All T12)
PAL T8 - C(All T8)
PAL T5 - C(All T5)