

## TECH DATA

PROJECT: \_\_\_\_\_  
MATERIAL: \_\_\_\_\_  
FINISH: \_\_\_\_\_  
SIZE: \_\_\_\_\_  
OPTIONS: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_



## SPECIALTY SERIES

# PAL

PROTECT-A-LAMP



### APPLICATIONS:

- Food processing plants
- Schools
- Hospitals
- Factories
- Museums
- Libraries
- Art galleries
- Other areas where control of U.V degradation is critical



PAL provides complete protection against the inherent dangers of fluorescent lamp breakage by retaining the shattered glass and phosphors. Protect-A-Lamps, made of clear extruded polycarbonate, feature high tensile strength over a wide temperature range and high impact strength even at low temperatures.

Lamps are protected against dirt, dust, bugs and flying insects with PAL sleeves. They reduce cleaning cycles as well as minimize lamp replacement due to breakage.

PAL meets OSHA, FDA, NEC and USDA requirements. The Departments of Agriculture requires meat packing plants to have acceptable protection for fluorescent lamps. The FDA requires lamps which are suspended over exposed food, in any stage of preparation, to be safety type or otherwise protected to prevent food contamination in the event of breakage. Liteline's Protect-A-Lamps permit fluorescent tubes to meet these specifications.

COLOURS  
**CLEAR**  
**RED**  
**GREEN**  
**BLUE**  
**PINK**  
**GOLD**

8 ABACUS ROAD  
BRAMPTON, ONTARIO  
CANADA L6T 5B7

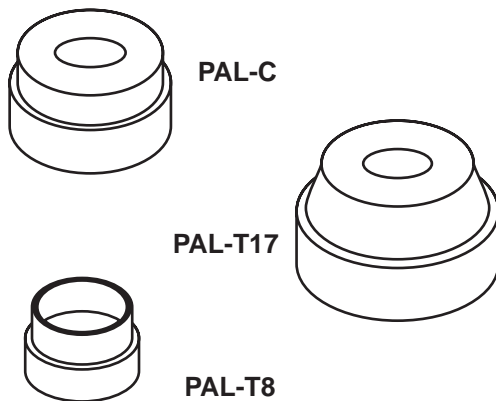
REV. 09.03.08

PHONE: 416-996-1856  
FAX: 905-794-1990/1-888-738-9736  
EMAIL: [info@liteline.com](mailto:info@liteline.com)  
WEBSITE: [www.liteline.com](http://www.liteline.com)

### SPECIFICATIONS:

PAL, as manufactured by Liteline Corporation, shall meet the safety standard requirements of OSHA, NEC, FDA and the Department of Agriculture. PAL shall be made of polycarbonate, which qualifies as self-extinguishing by the ASTM D-635 test.

PAL-CUV composition shall effectively resist ultraviolet light emission because of the selective transmittance qualities which filter out U.V rays from 0 to 385 nanometres.



### END CAPS

End caps are made of snug fitting, heat resistant plastic. The caps will hold the lamps in place even if broken and may prevent the tubes from falling.

### HEAT SINK SCREENS

Heat Sink Screens are used with high-output lamps. HO, VHO and PG lamps create excessive heat at the ends of the lamp. The open metal mesh spreads excess heat towards the centre of the lamp, eliminating deterioration of the plastic sleeve.

### ORDERING:

CATALOGUE No.	DESCRIPTION	END CAP	CARTON QUANTITY	CARTON WEIGHT (lbs)
<b>T12 LAMPS</b>				
PAL 40-C	CLEAR	PAL-C	24	5
PAL 40-R	RED	PAL-C	24	5
PAL 40-GR	GREEN	PAL-C	24	5
PAL 40-B	BLUE	PAL-C	24	5
PAL 40-P	PINK	PAL-C	24	5
PAL 40-G	GOLD	PAL-C	24	5
PAL 72-C	CLEAR	PAL-C	24	8
PAL 72-R	RED	PAL-C	24	8
PAL 72-GR	GREEN	PAL-C	24	8
PAL 72-B	BLUE	PAL-C	24	8
PAL 72-P	PINK	PAL-C	24	8
PAL 72-G	GOLD	PAL-C	24	8
PAL 96-C	CLEAR	PAL-C	24	10
PAL 96-R	RED	PAL-C	24	10
PAL 96-GR	GREEN	PAL-C	24	10
PAL 96-B	BLUE	PAL-C	24	10
PAL 96-P	PINK	PAL-C	24	10
PAL 96-G	GOLD	PAL-C	24	10
PAL 40CUV	CLEAR-UVA-2	PAL-C	24	5
PAL 72CUV	CLEAR-UVA-2	PAL-C	24	8
PAL 96CUV	CLEAR-UVA-2	PAL-C	24	10
<b>T8 LAMPS</b>				
PAL 18T8-C	CLEAR	PAL-T8	24	9
PAL 48T8-C	CLEAR	PAL-T8	24	9
PAL 72T8-C	CLEAR	PAL-T8	24	8
PAL 96T8-C	CLEAR	PAL-T8	24	10
<b>REPLACEMENT END CAPS</b>				
PAL-C	BLACK	ALL T12	VARIABLES	VARIABLES
PAL-T8	BLACK	ALL T8	VARIABLES	VARIABLES
<b>REPLACEMENT HEAT SINK SCREENS</b>				
PAL-HS	OPEN MESH	T12	VARIABLES	VARIABLES

**Note:** Two end caps are supplied with each sleeve.