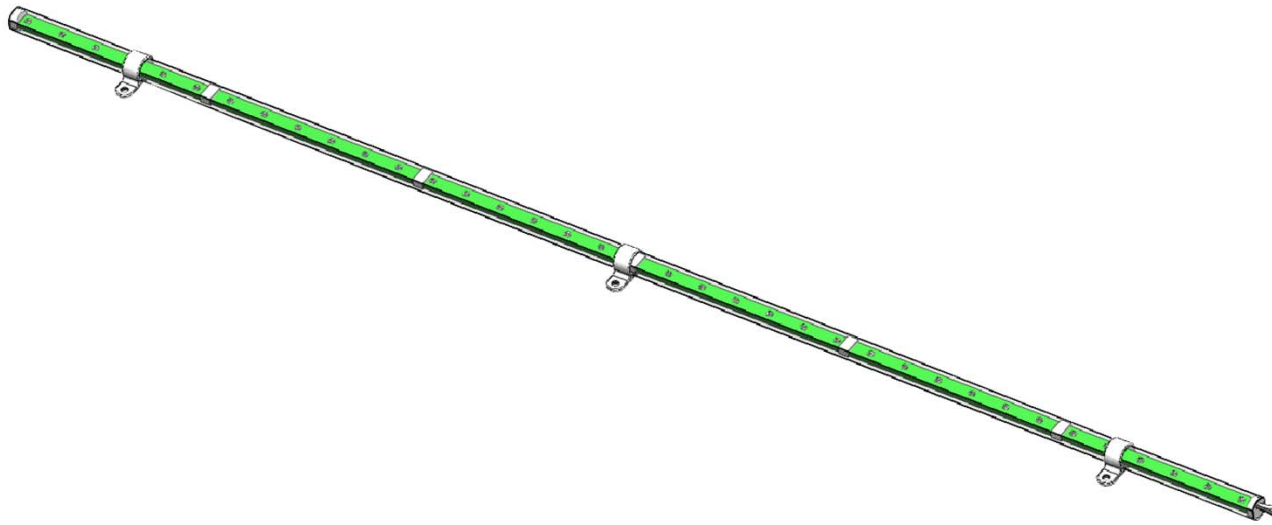


OPA779 Solid State Light Tube



OPA779 Refrigerated Display Light



- Low power light source – .60 watt per linear foot.
- High brightness LEDs – 35 lumens per foot.
- LEDs positioned every 1.5 inches to produce a uniform light pattern.
- Sealed end caps enables IP65 certification.
- Extrusion features for mounting brackets.

OPA779 Construction

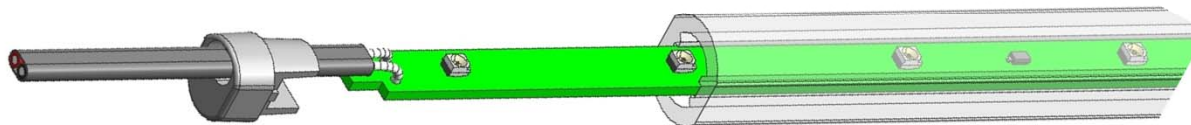
Low power high efficacy PLCC2 LEDs

Low cost constant current regulator

Wiring harness sealed with plastic end cap.

Acrylic extrusion with blended high efficiency diffuser.

6 and 9 inch PCB with board to board connectors.



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- Extrusion features for mounting brackets.

OPA779 Benefits

- Low power consumption intended for applications requiring lower light.
- Connected PCB segments allow various light lengths with 3 inch increments.
- The wiring harness allows lights to be chained together so only one power supply is required for the application.
- LED pitch and diffuse Acrylic extrusion creates a uniform light pattern at distances as close as 6 inches from the assembly.
- Small diameter tube to fit tight areas and reduce weight.
- UL listed for use with class II power supply.
- IP65 certified enclosure – Dust/Water Jets.

OPA779 Competitive Product Analysis

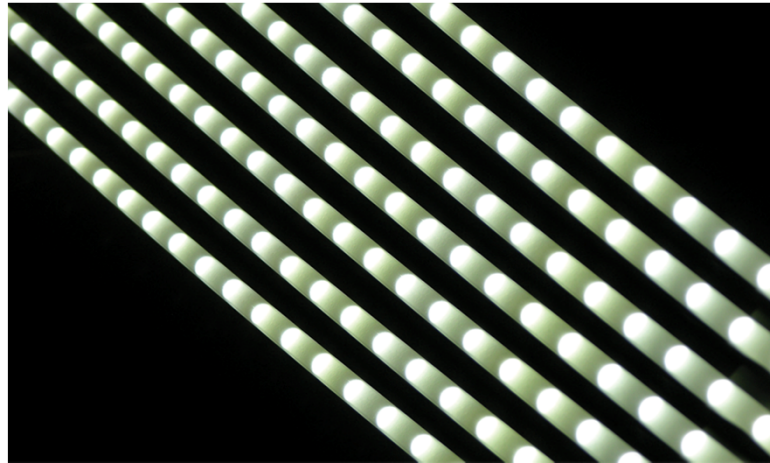
Aspect	Balatron	TT electronics Optek	Fluorescent-tube replacements
Brightness (lm/ft)	15	35	450
Color temperature	6,500	6,500	3,000-6,500
Efficacy (lm/W)	30	70	50-75
Scalability	Yes	Yes	No
Enclosure rating	None	IP65	IP65
UL listing	None	Listed	Listed
Price (\$/ft)	\$3-4	\$3-4	\$10-15
Annual Operating Cost (\$/ft)	\$0.30	\$0.30	\$3.00

Assume 24/7 operation at \$0.10 per kWh

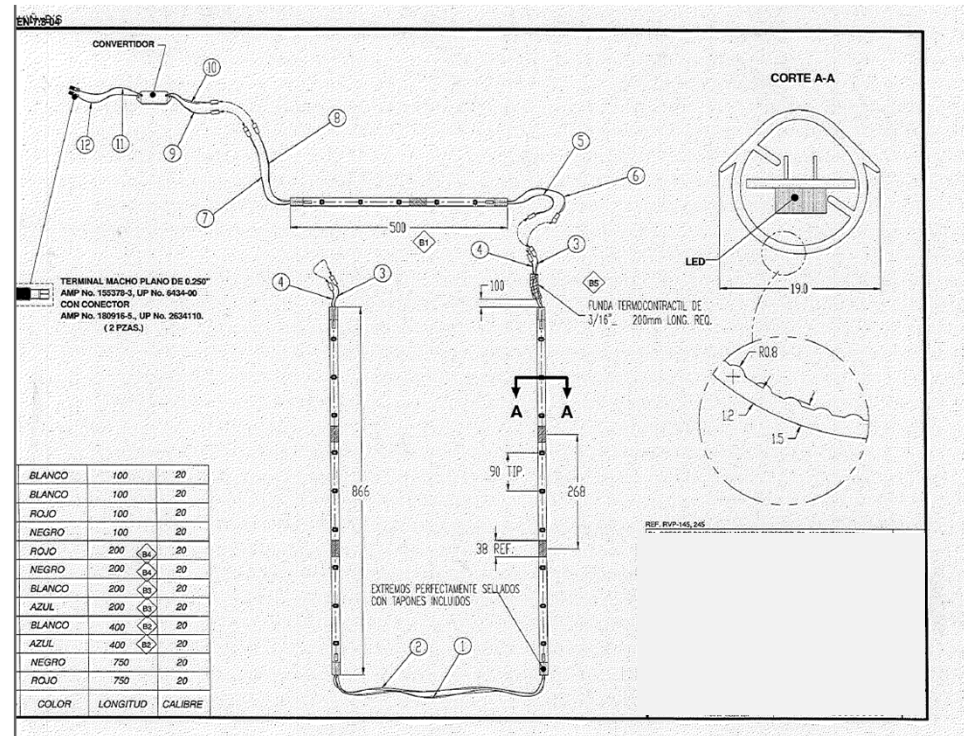
OPA779 Competitive Cross Reference

- Optek
 - Twice as bright
 - Same power consumption
 - Smaller diameter
 - Better light pattern
 - Scalable

- Balatron
 - Not an LED manufacturer
 - Not UL listed
 - Not IP65 certified



OPA 779 Typical Application – Refrigerated Display Case



OPA779 Expanded Applications

Cove Lighting



Display Case



Prepared Food Display

