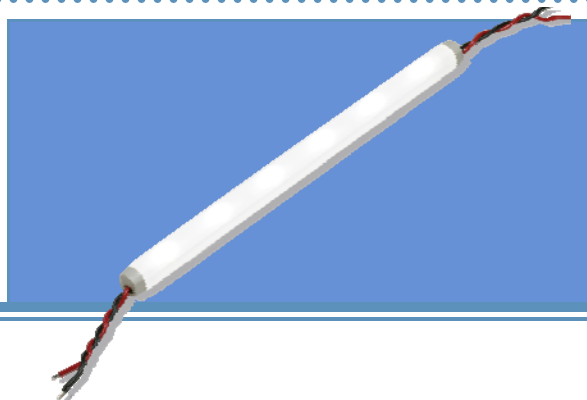


OPA779 Series Display Lighting

Features:

- 12 V DC input
- Low power consumption
- Custom lengths up to 72" long
- Flying leads for easy connections
- Various standard lengths

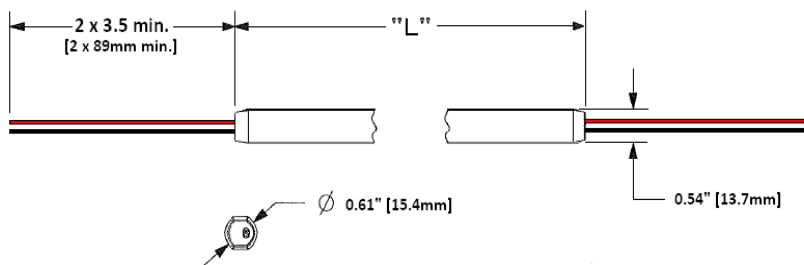


The OPA779 Series is a scalable lighting solution for the general lighting industry. The OPA779 Series emits a uniform consistent white lighting pattern within its length providing exceptional lighting for retail displays, refrigeration, and general lighting while reducing energy consumption as compared to traditional lighting systems.

The OPA779 is scalable as a single unit or as multiple single units connected together. This connectivity allows for easy retrofitting of existing lighting systems as well as fitting to new designs. Any combination of lengths may be connected in series up to 24W or 2 A maximum. The OPA779 is an acrylic water resistant lighting assembly suitable for dry and damp locations. Typical LED pitch is 1.5" [38mm].

Applications

- General illumination
- Retail display
- Architectural accent lighting
- Under-counter lighting
- Refrigeration
- Mobile food service
- Point-of-sale displays



Certifications/Reports

- LM-80
- IP-62
- LM-79
- EN62471:2008
- UL # E351728

| OPA779 P/N | Length ± 0.25" | Watts | Device Type |
|--|-------------------|-------|--|
| OPA779S-240 (Connection Drawing page 2) | 9.5" | 0.5 | Evaluation Unit with Connector Single-Ended Connection Only |
| OPA779D-610 | 23.5" | 1 | Double-Ended Connection Flying Leads |
| OPA779D-1169 | 45.5" | 2 | |
| S = Single-ended flying leads D = Double-ended flying leads | | | |



Notes:

- Maximum storage and operating temperature 0° ~ +70°C
- ESD threshold (HBM) 2000V
- 12V power supply not included and is dependent on length with lengths larger than 240mm(9.5")

**DO NOT LOOK DIRECTLY
AT LED WITH UNSHIELDED
EYES OR DAMAGE TO
RETINA MAY OCCUR.**

OPTEK reserves the right to make changes at any time in order to improve design and to supply the best product possible.

OPA779 Series

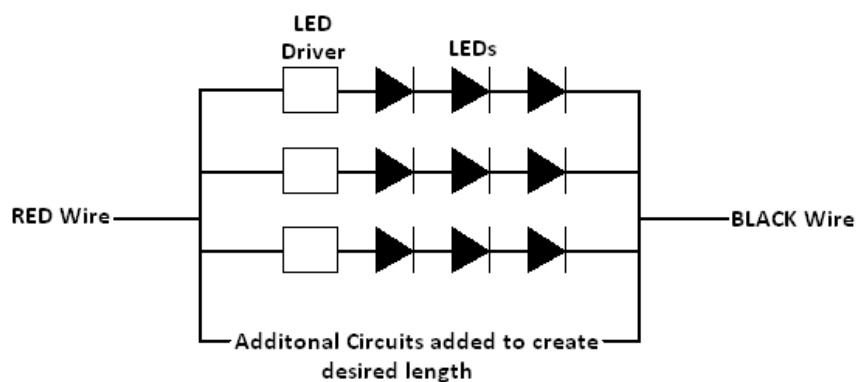
Retail Display Light (RDL)

OPA779 Standard Lengths

| Optek Part Number | Number of LEDs Per Device | Color Temperature | Typical Current at 12VDC | Total Luminous Flux (lm) |
|-------------------|---------------------------|----------------------|--------------------------|--------------------------|
| OPA779S-240 | 6 | 5000K To 7000K | 35mA | 40 |
| OPA779D-610 | 15 | | 85mA | 90 |
| OPA779D-1169 | 30 | | 175mA | 180 |

**Contact Optek or an authorized distributor to discuss your custom application.

Optek Technology recommends Keystone Electronics Nylon Cable Clip #7635 or equivalent for mounting.



Evaluation Unit
Output connector



2.1mm ID / 5.5mm

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Mouser Electronics

Authorized Distributor

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