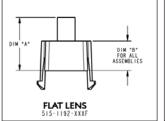
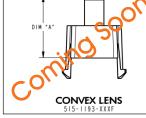
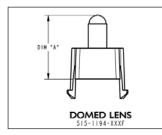
# Dialight

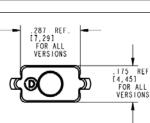


### **Optopipe®** Vertical Lightpipes



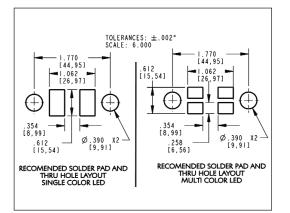






#### Features & Benefits:

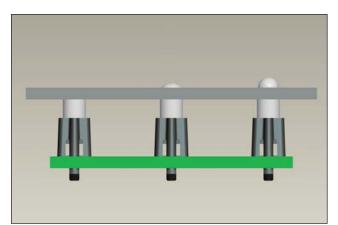
- $\triangleright$  Six lengths varying from .250 to .550
- ▷ Three lens styles for optimal viewing angles; Flat, Domed, and Convex
- $\triangleright$  Designed for both single and multi-color LEDs
- ▷ Impervious to failure due to shock and vibration
- ▷ Up to 90% more efficient than traditional light sources when delivering monochromatic light
- ▷ Low-voltage and minimal power consumption
- ▷ Light is produced through photonic emission, not as a by-product of a radiating heat source
- Molded from RoHS compliant UL94-V0 Water Clear Polycarbonate with an oxygen index of 35%.
- Designed to be used with Dialight surface mount LEDs 597-XXXX-207F. See page 17 for LED operating characteristics

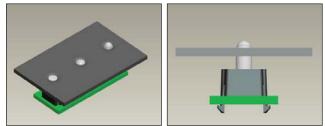


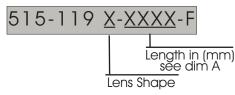


#### Application

Dialight Optopipe® vertical light pipes provide an excellent solution for products that contain a PCB that is parallel to the panel in need of indication. These UL94-V0 Water Clear Polycarbonate light pipes are secured to the PCB using a custom snap-fit base that is easy to install. Vertical light pipes are ideal for building automation and other industrial applications where light needs to be transferred from a parallel PC board, or the environment is subject to shock and vibration. A good way to utilize low voltage and low current LEDs, Dialight's optopipes provide a great way to efficiently transfer light.







#### Order Codes

Part Number	DIM "A" in (mm)	Lens Shape
515-1192-0250F	250 (6,35)	Flat
515-1192-0550F	550 (13,97)	Flat
515-1194-0300F	300 (7,62)	Domed
515-1194-0350F	350 (8,89)	Domed
515-1194-0354F	354 (8,99)	Domed
515-1194-0450F	450 (11,43)	Domed

Longer versions available on request, consult factory

## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

<u>515-1194-0300F</u> <u>515-1194-0450F</u> <u>515-1194-0354F</u>