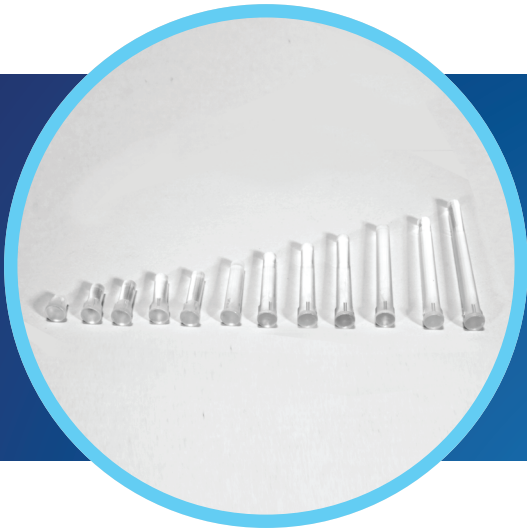




## 515 SERIES

# Vertical Panel Mount OPTOPIPE® Light Pipes

3mm Diameter Output

### MECHANICAL / SPECIFICATIONS

MOUNTING HOLE SIZE:  
.115" +.003", -.002"

MIN. PANEL THICKNESS:  
.030" (.762 mm)

OPERATING TEMPERATURE:  
-30 °C to +100 °C

STORAGE TEMPERATURE:  
-30 °C to +100 °C

### CERTIFICATIONS & RATINGS

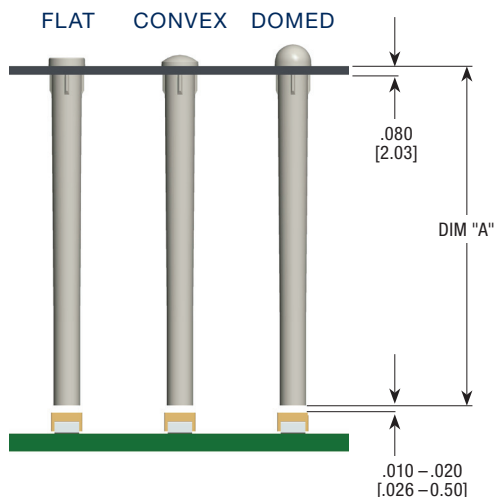
RoHS compliant

### FEATURES & BENEFITS

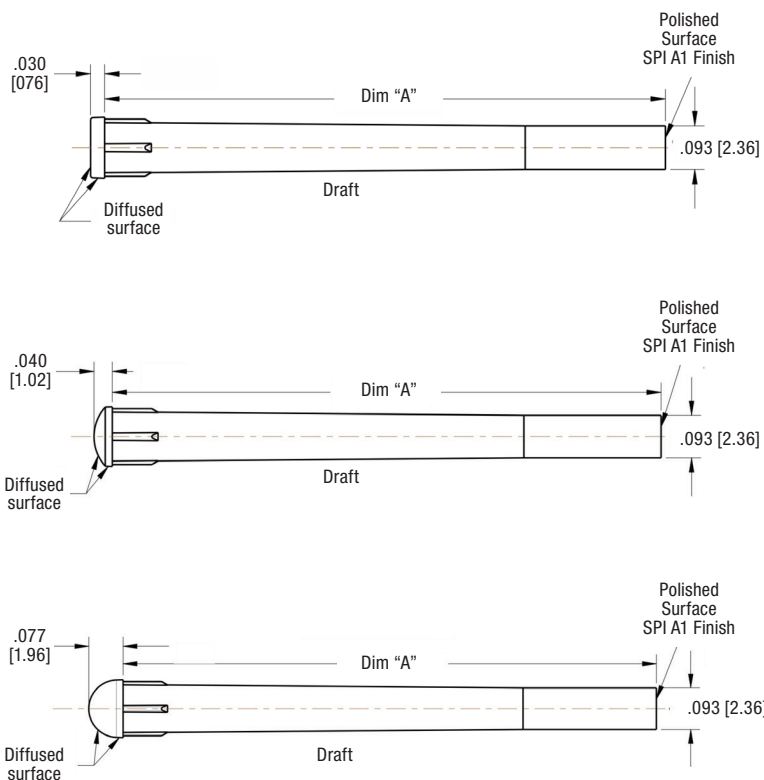
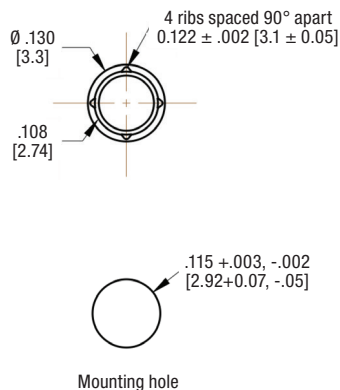
- Lengths varying from .125"–1.200"  
Custom length available upon request
- Three lens styles for optimal viewing angles:  
flat, convex and domed
- Designed for both single and multiple colored LEDs
- Precision molded from RoHS compliant UL94-V0, water clear polycarbonate with oxygen index of 35%
- Available in diffused textured lens only
- Optimally designed to be used with Dialight surface mount LEDs
- See [Dialight Surface Mount Selector Guide](#) for LED options
- Recommend PLCC-2 and PLCC-4, surface mount LEDs part number: 597-XXXX-207F

### APPLICATION

Dialight OPTOPIPE® panel mount provide an excellent solution for products that contain a PCB that is parallel to the front panel in need of indication. The UL94-V0 water clear polycarbonate light pipes are secured to the front panel with a press fit that is easy to install. Dialight OPTOPIPE® solutions are a cost effective way of bringing indication to your front panel.



DIMENSIONS inches [mm]



Standard tolerance of ± .005" [0.127mm]  
Standard tolerance applies unless otherwise specified

ORDERING INFORMATION

Flat

| Part number                    | Dim "A"       |
|--------------------------------|---------------|
| <a href="#">515-1301-0125F</a> | 0.125 [3.20]  |
| <a href="#">515-1301-0250F</a> | 0.250 [6.35]  |
| <a href="#">515-1301-0300F</a> | 0.300 [7.62]  |
| <a href="#">515-1301-0350F</a> | 0.350 [8.89]  |
| <a href="#">515-1301-0400F</a> | 0.400 [10.16] |
| <a href="#">515-1301-0500F</a> | 0.500 [12.70] |
| <a href="#">515-1301-0600F</a> | 0.600 [15.24] |
| <a href="#">515-1301-0700F</a> | 0.700 [17.78] |
| <a href="#">515-1301-0750F</a> | 0.750 [19.05] |
| <a href="#">515-1301-0800F</a> | 0.800 [20.32] |
| <a href="#">515-1301-0900F</a> | 0.900 [22.86] |
| <a href="#">515-1301-1000F</a> | 1.000 [25.40] |
| <a href="#">515-1301-1200F</a> | 1.200 [30.48] |

Convex

| Part number                    | Dim "A"       |
|--------------------------------|---------------|
| <a href="#">515-1302-0125F</a> | 0.125 [3.20]  |
| <a href="#">515-1302-0215F</a> | 0.215 [5.46]  |
| <a href="#">515-1302-0250F</a> | 0.250 [6.35]  |
| <a href="#">515-1302-0350F</a> | 0.350 [8.89]  |
| <a href="#">515-1302-0375F</a> | 0.375 [9.53]  |
| <a href="#">515-1302-0500F</a> | 0.500 [12.70] |
| <a href="#">515-1302-0600F</a> | 0.600 [15.24] |
| <a href="#">515-1302-0700F</a> | 0.700 [17.78] |
| <a href="#">515-1302-0750F</a> | 0.750 [19.05] |
| <a href="#">515-1302-0800F</a> | 0.800 [20.32] |
| <a href="#">515-1302-0900F</a> | 0.900 [22.86] |
| <a href="#">515-1302-1000F</a> | 1.000 [25.40] |
| <a href="#">515-1302-1200F</a> | 1.200 [30.48] |

Domed

| Part number                    | Dim "A"       |
|--------------------------------|---------------|
| <a href="#">515-1303-0125F</a> | 0.125 [3.20]  |
| <a href="#">515-1303-0250F</a> | 0.250 [6.35]  |
| <a href="#">515-1303-0300F</a> | 0.300 [7.62]  |
| <a href="#">515-1303-0350F</a> | 0.350 [8.89]  |
| <a href="#">515-1303-0400F</a> | 0.400 [10.16] |
| <a href="#">515-1303-0500F</a> | 0.500 [12.70] |
| <a href="#">515-1303-0600F</a> | 0.600 [15.24] |
| <a href="#">515-1303-0700F</a> | 0.700 [17.78] |
| <a href="#">515-1303-0750F</a> | 0.750 [19.05] |
| <a href="#">515-1303-0800F</a> | 0.800 [20.32] |
| <a href="#">515-1303-0900F</a> | 0.900 [22.86] |
| <a href="#">515-1303-1000F</a> | 1.000 [25.40] |
| <a href="#">515-1303-1200F</a> | 1.200 [30.48] |



Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.dialightsignalsandcomponents.com](http://www.dialightsignalsandcomponents.com)

Warranty Statement: Except for the warranty expressly provided for at: [www.dialight.com/resources/warranties/](http://www.dialight.com/resources/warranties/), Dialight disclaims any and all other warranties, express or implied, including, without limitation, any warranties of merchantability, fitness for a particular purpose, title, and noninfringement.