



515 SERIES

Reverse Mount OPTOPIPE® Light Pipes

3mm Diameter Output

MECHANICAL / SPECIFICATIONS

PANEL MOUNTING HOLE SIZE:
0.121" (3.07mm)

MIN. PANEL THICKNESS:
.040" (1.00mm)

OPERATING TEMPERATURE:
-40°C to +100°C

STORAGE TEMPERATURE:
-40°C to +100°C

CERTIFICATIONS & RATINGS

RoHS compliant

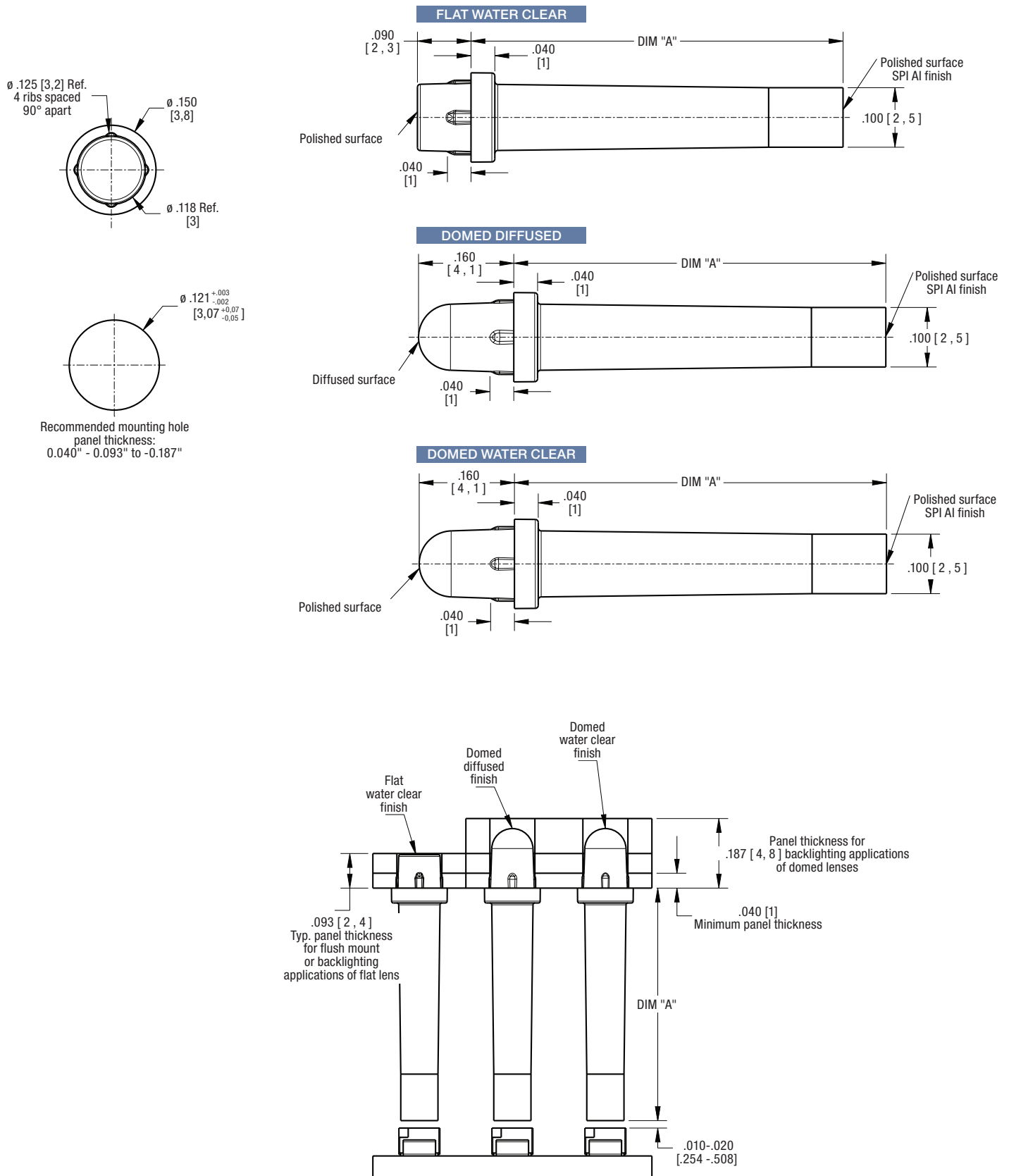
FEATURES & BENEFITS

- Available lengths from 0.100" (2.54mm) – 1.000" (25.4mm) (Customizable within the given length range)
- Flat and domed lenses for optimal viewing angle (with water clear or diffused lens finish)
- Press fit mount into 0.121" +0.003/-0.002 (3.07mm) panel mount hole
- Suggested drill size 3.1mm metric drill or #31 drill (0.120")
- Material: water-clear polycarbonate, RoHS compliant UL94-V0, UV stabilized, Halogen-free
- Designed for both single and multiple color surface mount LEDs
- Recommended PLCC-2 and PLCC-4, surface mount LEDs part number: 597-XXXX-207F as shown

APPLICATION

Dialight's 515 Reverse Mount OPTOPIPE® Light Pipe series offers press fit LP design from rear of panel when working inside of an enclosure with no access to the front of the enclosure. Variable length from .100" through 1.00" are available with domed or flat lens shapes for back lighting applications of a overlay/symbol or direct view with lens protruding through the front of panel. These light pipes are used in applications when PCB is always parallel to the panel you are planning to have visible indication on.

DIMENSIONS inches [mm]



ORDERING INFORMATION

Flat Water Clear

Part Number	Dim "A"
515-1304-0100F	0.100" (2.5mm)
515-1304-0125F	0.125" (3.2mm)
515-1304-0188F	0.188" (4.8mm)
515-1304-0250F	0.250" (6.4mm)
515-1304-0313F	0.313" (7.9mm)
515-1304-0350F	0.350" (8.9mm)
515-1304-0375F	0.375" (9.5mm)
515-1304-0500F	0.500" (12.7mm)
515-1304-0625F	0.625" (15.9mm)
515-1304-0750F	0.750" (19mm)
515-1304-0830F	0.830" (21.1mm)
515-1304-1000F	1.000" (25.4mm)

Domed Diffused

Part Number	Dim "A"
515-1305-0125F	0.125" (3.2mm)
515-1305-0250F	0.250" (6.4mm)
515-1305-0350F	0.350" (8.9mm)
515-1305-0375F	0.375" (9.5mm)
515-1305-0460F	0.460" (11.7mm)
515-1305-0500F	0.500" (12.7mm)
515-1305-0625F	0.625" (15.9mm)
515-1305-0750F	0.750" (19mm)
515-1305-1000F	1.000" (25.4mm)

Domed Water Clear

Part Number	Dim "A"
515-1306-0125F	0.125" (3.2mm)
515-1306-0250F	0.250" (6.4mm)
515-1306-0350F	0.350" (8.9mm)
515-1306-0375F	0.375" (9.5mm)
515-1306-0460F	0.460" (11.7mm)
515-1306-0500F	0.500" (12.7mm)
515-1306-0625F	0.625" (15.9mm)
515-1306-0750F	0.750" (19mm)
515-1306-1000F	1.000" (25.4mm)



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