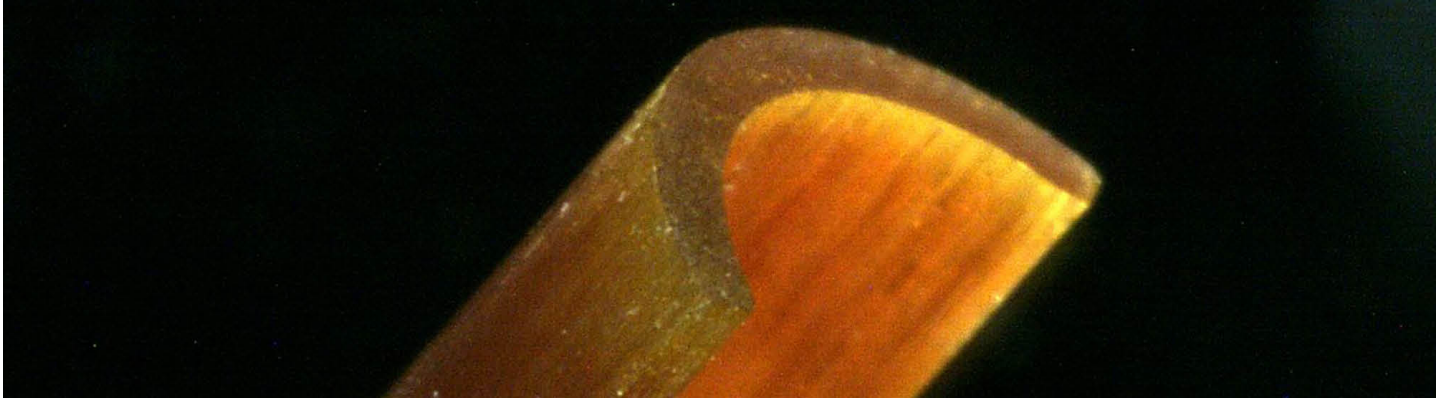


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Acrolite Micro Fiber Optics

As component size reduces, the area needed to provide illumination must also decrease in size. We have developed tooling and processes to form or fuse small fiber geometries which can maximize the space available for lighting.

Examples:

Redirect illumination for inspection scopes, Needle probes, Micro ring lights

Application:

Medical lighting, Industrial inspection

Micro Fiber Optics Solutions Gallery

Capabilities

Acrolite has experience in tooling, process and techniques to fabricate micro fiber optics to meet and exceed customers' expectations. Tolerances of .0005" are not uncommon.

ACROLITE SOLUTIONS

CHALLENGE: Customer designed a smaller inspection scope which had very limited space.

ACROLITE SOLUTION:

An epoxy-free assembly formed in 3 dimensions to take maximum advantage of space available.

CHALLENGE: Customer developed the world's smallest video camera and needed lighting.

ACROLITE SOLUTION:

Acrolite developed a micro ring light to supply quality illumination for the camera assembly.



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