



Testing Side-by-Side Plugin

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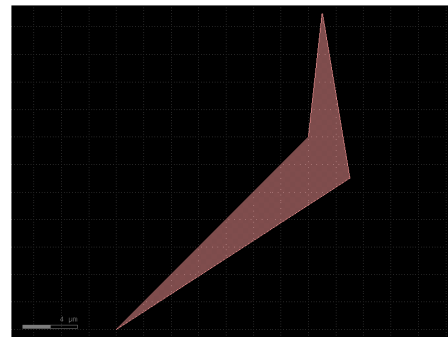
1. EXAMPLE 3: COMPLEX GDSFACTORY INPUT

```
import gdsfactory as gf
from gdsfactory.gpdk import PDK

PDK.activate()

# Create a blank component
# (essentially an empty GDS cell
# with some special features).
c = gf.Component()
p1 = c.add_polygon(
    [(-8, -6), (6, 8), (7, 17), (9,
5)],
    layer=(1, 0)
)

# Write it to a GDS file.
c.write_gds("demo.gds")
c.show() # Show it in klayout.
c.plot(); # Plot it in jupyter
notebook.
```



(a)

(b)

Figure 1: Figure 2: GDSFactory polygon geometry