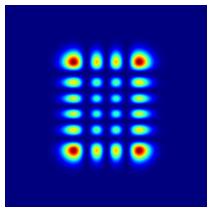
input intensity, HG₅₃



LightPipes for Python, LaserModeTransformer.py

```
size = 5.00 \text{ mm}

\lambda = 632.80 \text{ nm}

N = 500

m = 5, n = 3

w0 = 0.393 \text{ mm}

d1 = 525.0 \text{ mm}

d2 = 306.0 \text{ mm}

d3 = 195.0 \text{ mm}

d3 = 195.0 \text{ mm}

d3 = 195.0 \text{ mm}

d3 = 200.0 \text{ mm}

d4 = 206.0 \text{ mm}

d5 = 26.9 \text{ mm} (27 mm)

d5 = 20.0 \text{ mm}

d5 = 20.0 \text{ mm}

d7 = 20.0 \text{ mm}

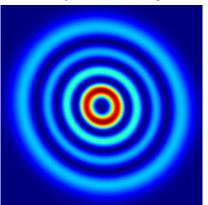
d8 = 20.0 \text{ mm}

d9 = 20.0 \text{ mm}

d9 = 20.0 \text{ mm}
```

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output intensity



Reference:

M.W. Beijersbergen, L. Allen, H.E.L.O. van der Veen and J.P. Woerdman, Astigmatic laser mode converters and transfer of orbital angular momentum, Optics Comm. 96 (1993) 123.