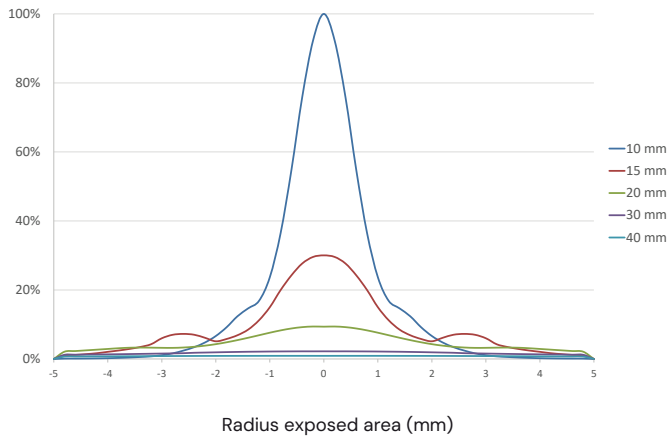


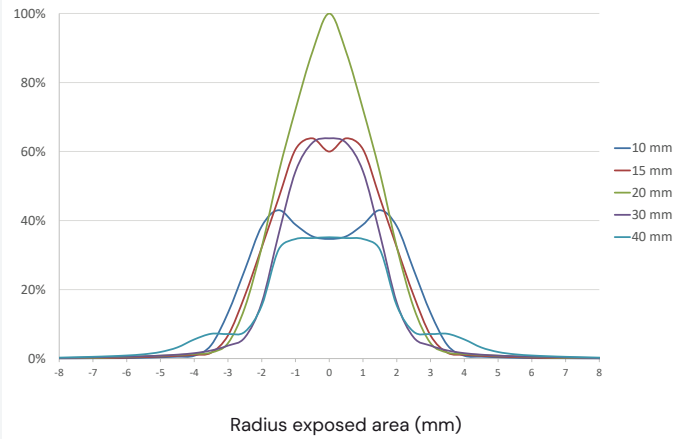
## HOENLE UV-LED LENS TYPES WITH 90° DEFLECTION:

Optic 3 | 90°



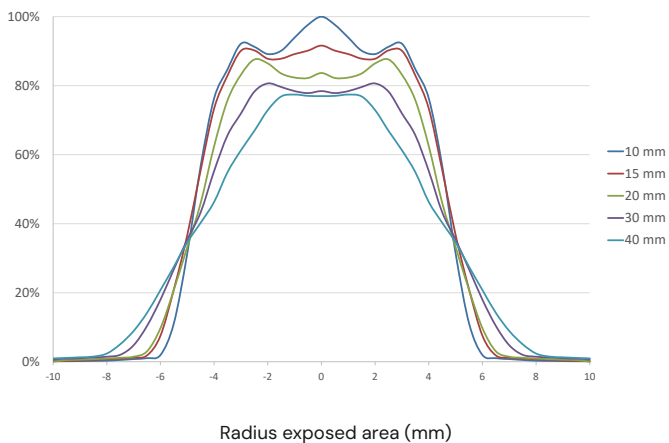
|                                 |        |        |        |
|---------------------------------|--------|--------|--------|
| Wavelength (nm)                 | 365    | 385    | 405    |
| Intensity* (mW/cm²) at 100%     | 14.000 | 20.000 | 20.000 |
| Working distance (mm)           | 10     |        |        |
| Full-width at half maximum (mm) | 1,2    |        |        |

Optic 7 | 90°



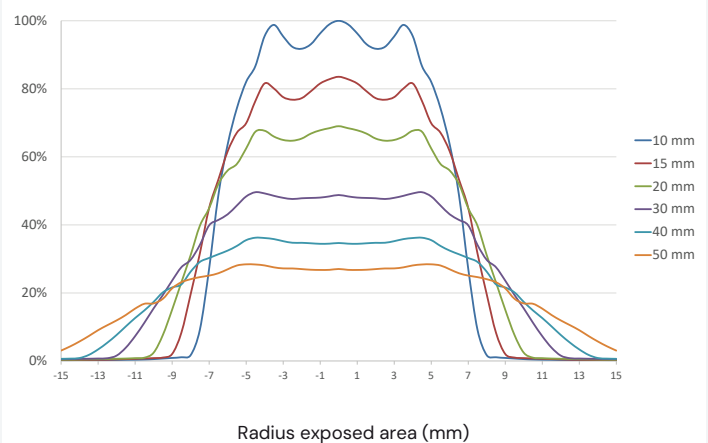
|                                 |       |       |       |
|---------------------------------|-------|-------|-------|
| Wavelength (nm)                 | 365   | 385   | 405   |
| Intensity* (mW/cm²) at 100%     | 5.000 | 5.800 | 4.800 |
| Working distance (mm)           | 20    |       |       |
| Full-width at half maximum (mm) | 3,0   |       |       |

Optic 10 | 90°



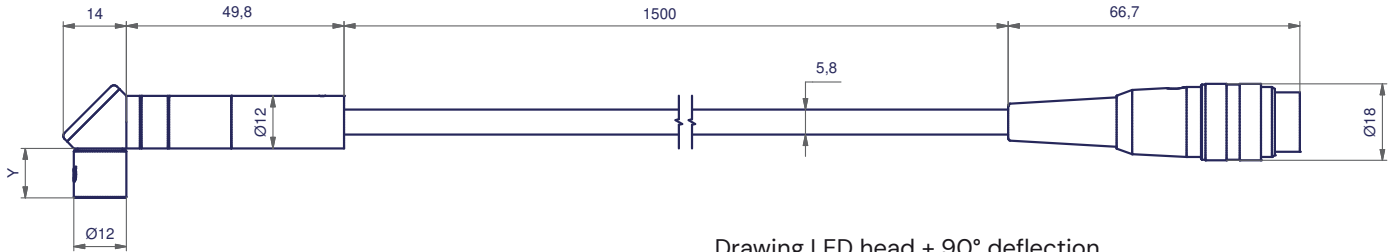
|                                 |       |       |       |
|---------------------------------|-------|-------|-------|
| Wavelength (nm)                 | 365   | 385   | 405   |
| Intensity* (mW/cm²) at 100%     | 1.100 | 1.400 | 1.250 |
| Working distance (mm)           | 10    |       |       |
| Full-width at half maximum (mm) | 9,0   |       |       |

Optic 20 | 90°

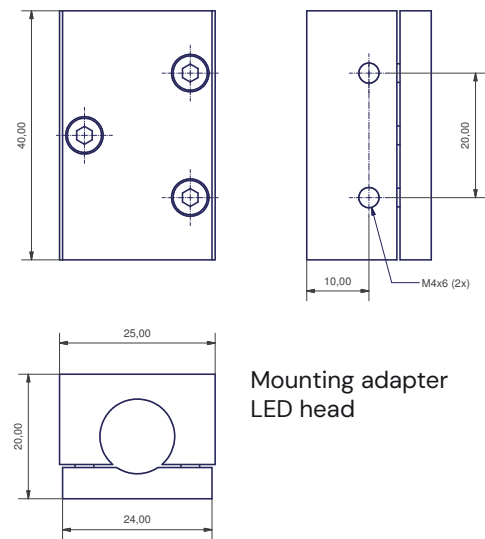


|                                 |      |     |     |
|---------------------------------|------|-----|-----|
| Wavelength (nm)                 | 365  | 385 | 405 |
| Intensity* (mW/cm²) at 100%     | 650  | 850 | 750 |
| Working distance (mm)           | 10   |     |     |
| Full-width at half maximum (mm) | 13,0 |     |     |

\*measured with a Hoenle UV meter and LED sensor



Drawing LED head + 90° deflection



Mounting adapter  
LED head

| Lens type | Height Y in mm |
|-----------|----------------|
| Optic 3   | 9,5            |
| Optic 7   | 10,8           |
| Optic 10  | 8,0            |
| Optic 20  | 6,0            |

\*measured with a Hoenle UV meter and LED sensor

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Operating parameters depend on production characteristics and may differ from the foregoing information.  
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