

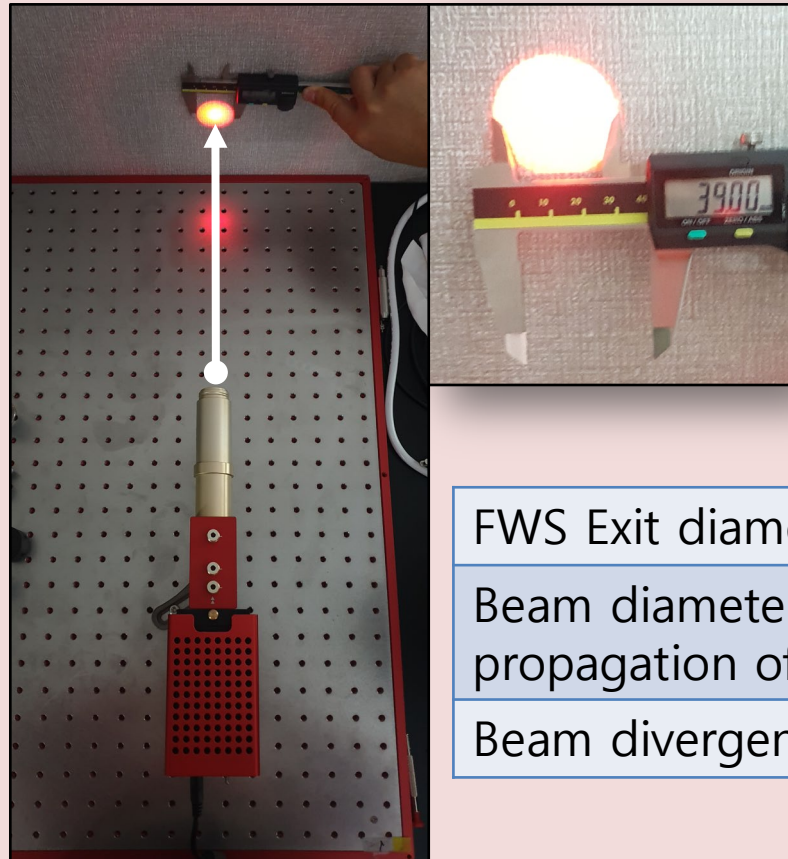
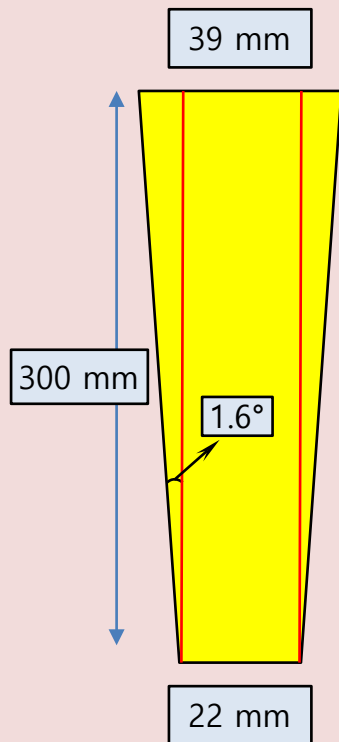
# Application Guide

- Output collimation solutions -



# Mighty Light & Collimator

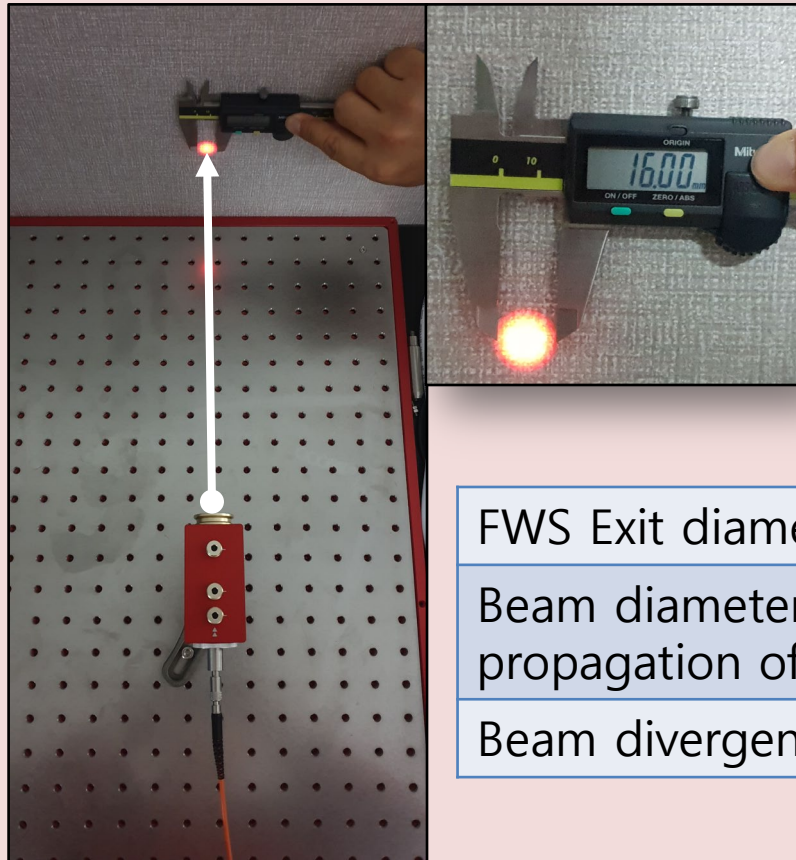
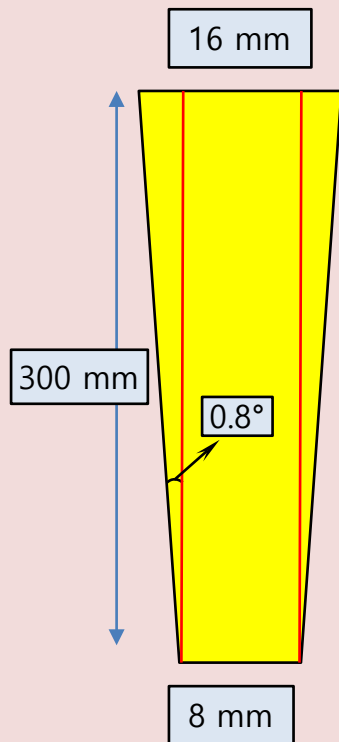
Mighty Light + FWS + WS-CA-M



|   |              |
|---|--------------|
| FWS Exit diameter                         | <b>22 mm</b> |
| Beam diameter after propagation of 300 mm | <b>39 mm</b> |
| Beam divergence                           | <b>1.6 °</b> |

# Mighty Light & fiber

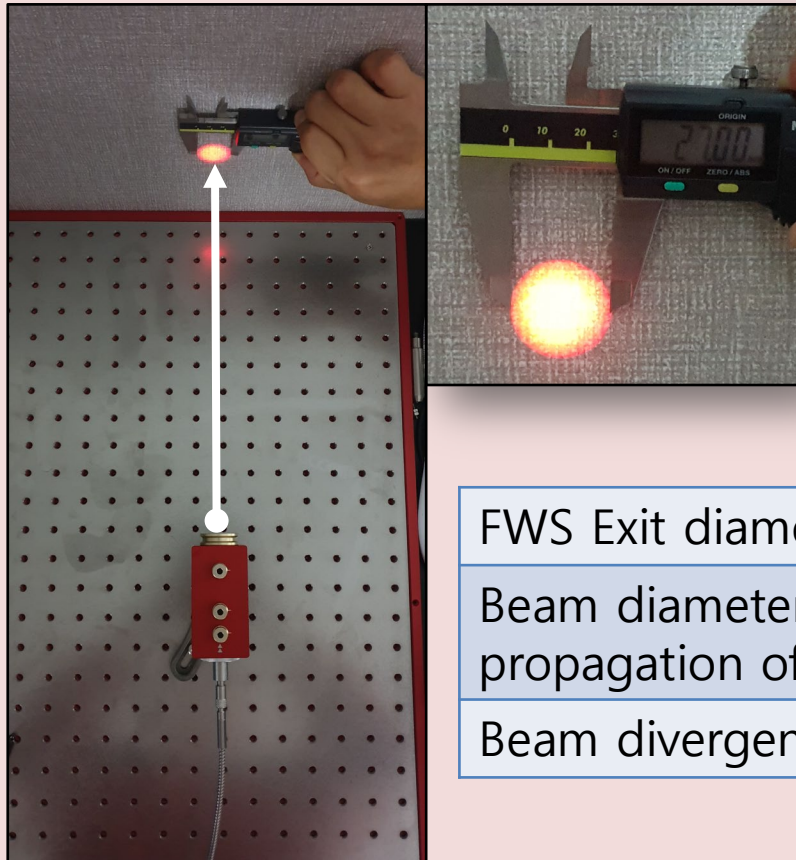
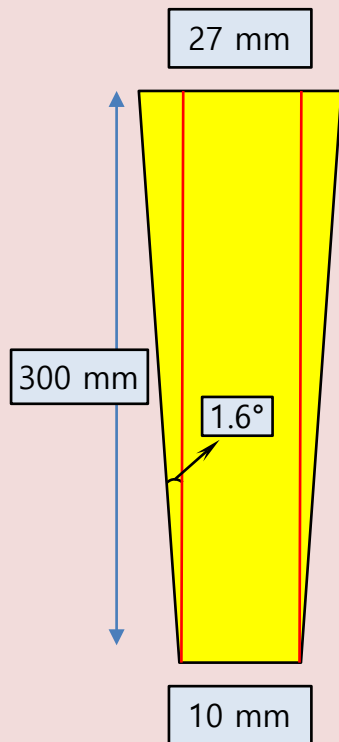
Mighty Light + Fiber (Multi, 400  $\mu\text{m}$  core) + Fiber collimator (Thorlabs, F280SMA-A) + FWS



|   |              |
|---|--------------|
| FWS Exit diameter                         | <b>8 mm</b>  |
| Beam diameter after propagation of 300 mm | <b>16 mm</b> |
| Beam divergence                           | <b>0.8 °</b> |

# Mighty Light & fiber

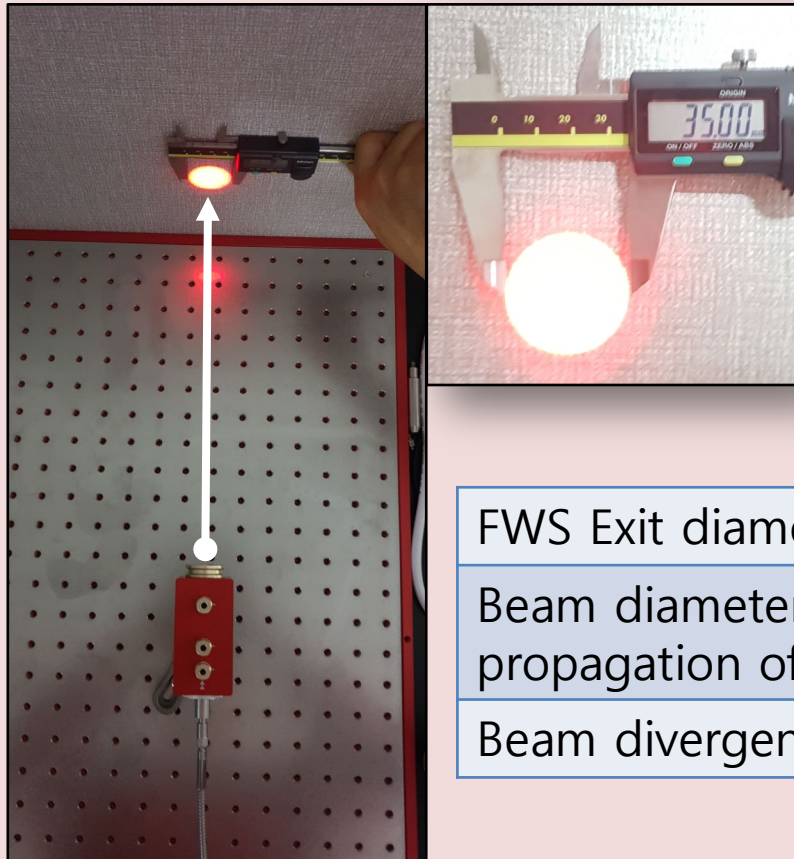
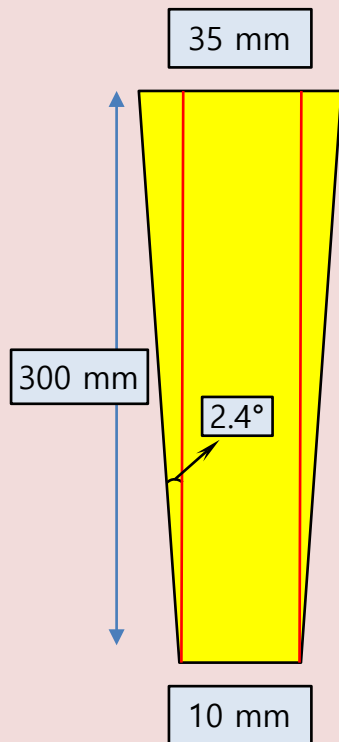
Mighty Light + Fiber (Multi, 1000  $\mu\text{m}$  core) + Fiber collimator (Thorlabs, F280SMA-A) + FWS



|   |              |
|---|--------------|
| FWS Exit diameter                         | <b>10 mm</b> |
| Beam diameter after propagation of 300 mm | <b>27 mm</b> |
| Beam divergence                           | <b>1.6 °</b> |

# Mighty Light & fiber

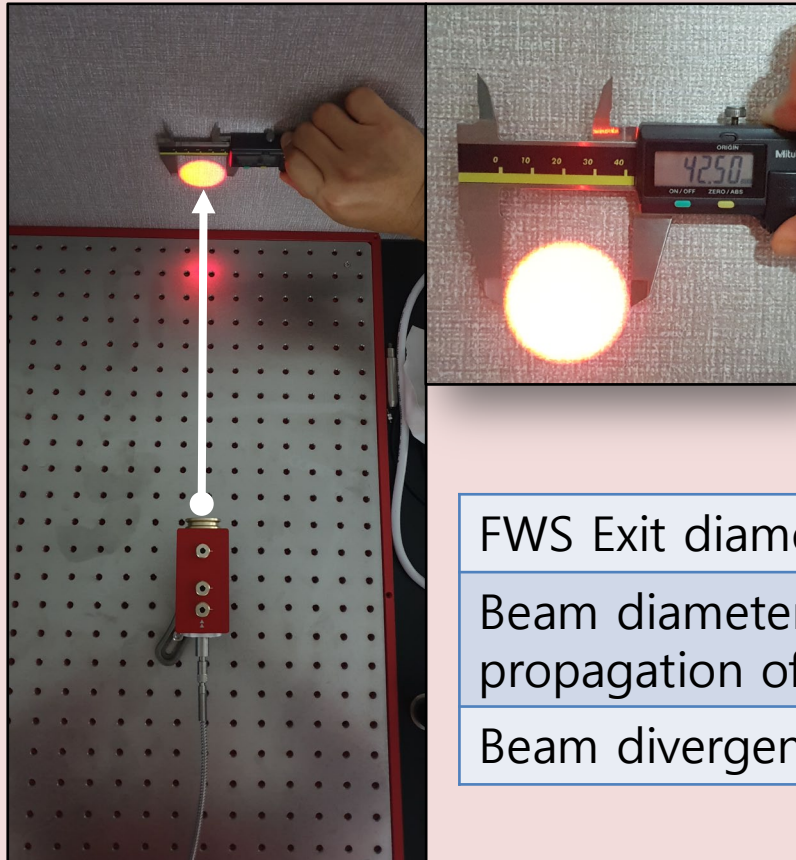
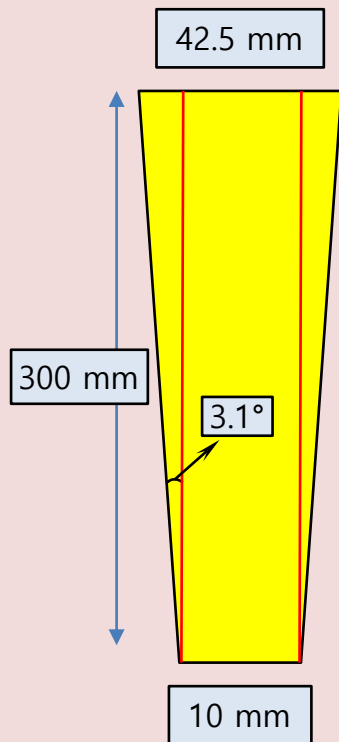
Mighty Light + Fiber (Multi, 1500  $\mu\text{m}$  core) + Fiber collimator (Thorlabs, F280SMA-A) + FWS



|   |              |
|---|--------------|
| FWS Exit diameter                         | <b>10 mm</b> |
| Beam diameter after propagation of 300 mm | <b>35 mm</b> |
| Beam divergence                           | <b>2.4 °</b> |

# Mighty Light & fiber

Mighty Light + Fiber (Multi, 2000  $\mu\text{m}$  core) + Fiber collimator (Thorlabs, F280SMA-A) + FWS



|   |                |
|---|----------------|
| FWS Exit diameter                         | <b>10 mm</b>   |
| Beam diameter after propagation of 300 mm | <b>42.5 mm</b> |
| Beam divergence                           | <b>3.1 °</b>   |



*Light Done Right!*