

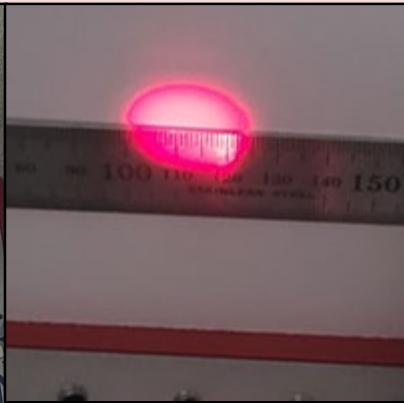
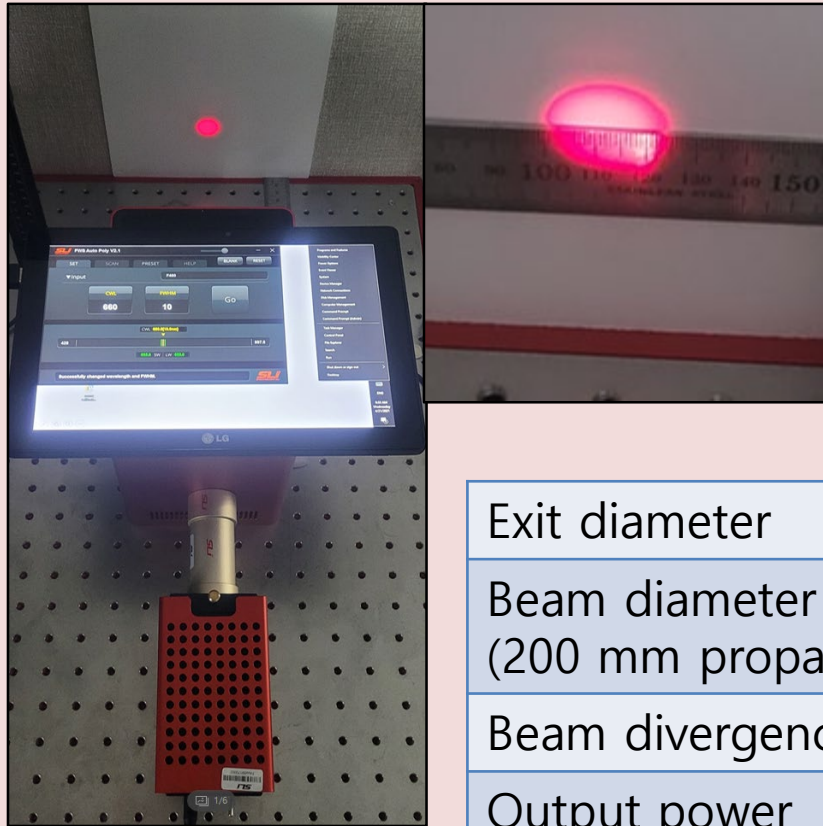
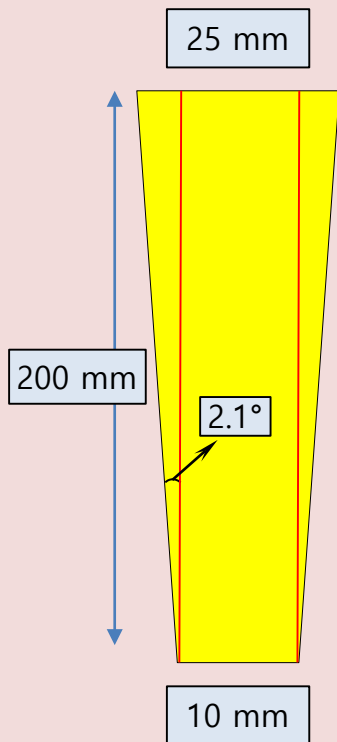
# **Application Guide**

***Light collimation solutions with  
Mighty Light and FWS-Poly***



# Mighty Light & Collimator combination

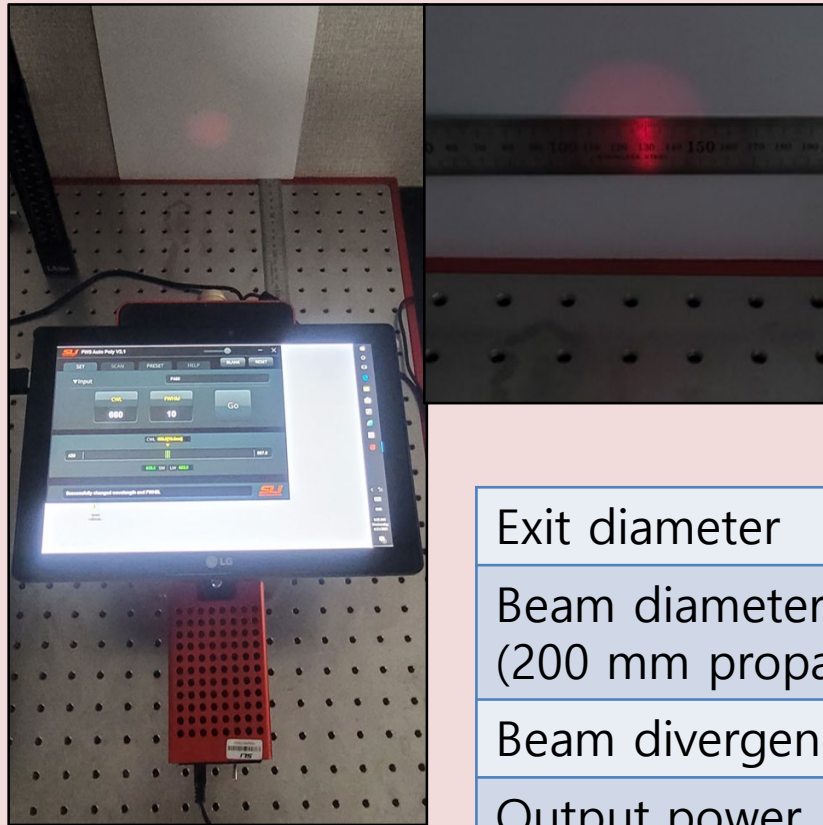
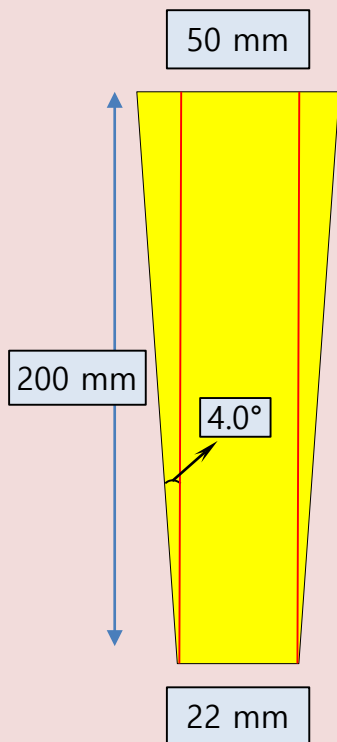
Mighty Light + ML-CA-S + Poly(CW: 660 nm, FWHM: 10 nm)



Exit diameter	<b>10 mm</b>
Beam diameter (200 mm propagated)	<b>25 mm</b>
Beam divergence	<b>2.14 °</b>
Output power	<b>103 μW</b>

# Mighty Light & fiber combination

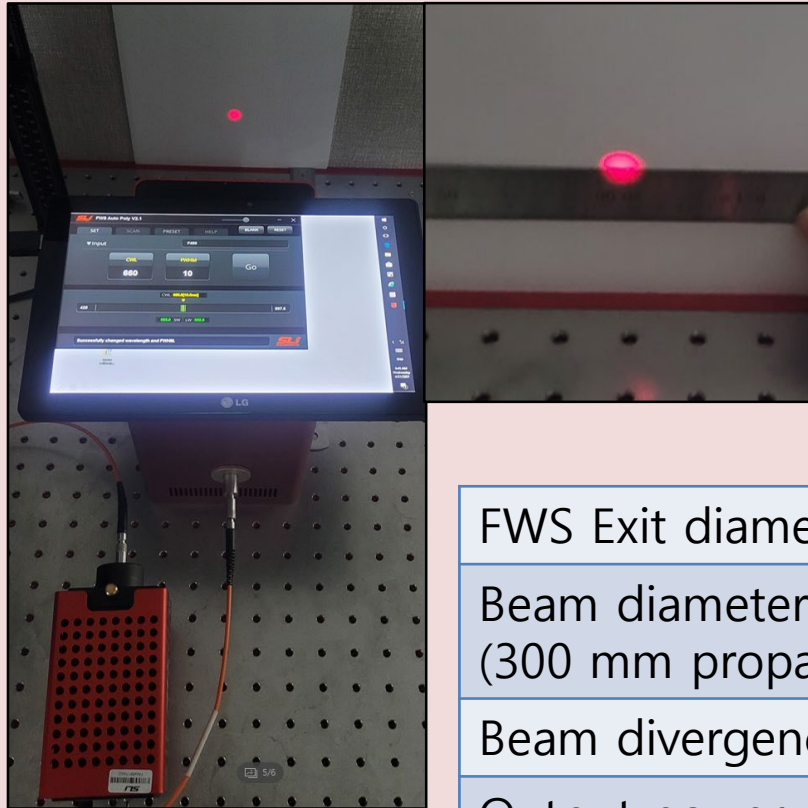
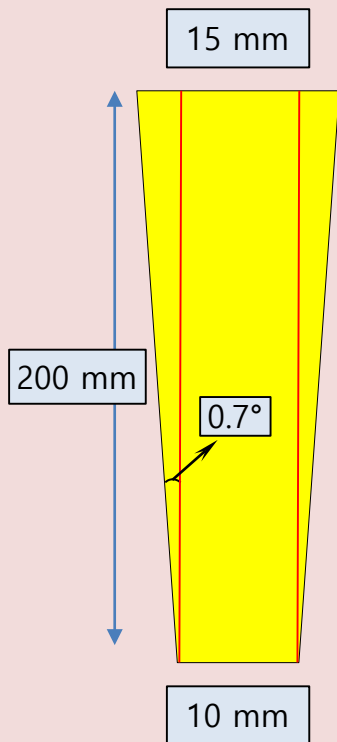
Mighty Light + Poly(CW: 660 nm, FWHM: 10 nm) + ML-CA-S



Exit diameter	<b>22 mm</b>
Beam diameter (200 mm propagated)	<b>50 mm</b>
Beam divergence	<b>4.00 °</b>
Output power	<b>5 μW</b>

# Mighty Light & fiber combination

Mighty Light + Fiber (Multi, 400  $\mu\text{m}$  core) + Fiber collimator (Thorlabs, F280SMA-A) + Poly(CW: 660 nm, FWHM: 10 nm)



FWS Exit diameter

**10 mm**

Beam diameter  
(300 mm propagated)

**15 mm**

Beam divergence

**0.71 °**

Output power

**20  $\mu\text{W}$**

**SLI**

*Light Done Right!*