



## **LASOS<sup>®</sup>** System series

Multi Color Systems

MCS 4 series and MCS 6 series:

Multi-wavelength laser modules and beam combiners

- Different designs for compact and flexible solutions
- Benchtop devices and fully installable sub-systems
- Free beam or fiber output
- Different options for beam collimation and combining

Distribution in the UK & Ireland



**Lambda Photometrics Limited**

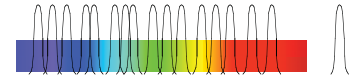
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## MCS 4 series



Combines up to four wavelengths into one or two fiber outputs

RGB-broad band fiber with optional separate IR fiber

Customized wavelength and output power combinations

Standard fiber connectors or collimated beam output

### ADDITIONAL CHARACTERISTICS



Each wavelength can separately be modulated

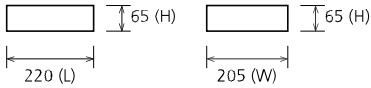
Passive cooling via device base plate

### AVAILABLE WAVELENGTHS [nm]

405, 415, 425, 445, 460, 473, 488, 515, 638, 642, 660, 685

Other wavelengths on request

### DIMENSIONS [mm]



## MCS 6 series



Delivers up to six wavelengths with fiber output from a standard 19" housing

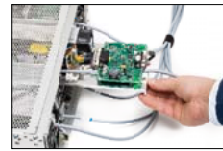
Customized wavelength and output power combinations

Standard fiber connectors or collimated beam output

Optional beam combining unit with separately switchable laser lines



### ADDITIONAL CHARACTERISTICS



Each wavelength is individually changeable and upgradable

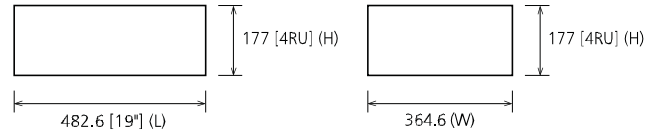
Laser lines are separately fan-cooled controlled by the ambient temperature

### AVAILABLE WAVELENGTHS [nm]

405, 415, 425, 445, 460, 473, 488, 515, 532, 540, 561, 594, 638, 642, 660, 685

Other wavelengths on request

### DIMENSIONS [mm]



### FEATURES

- Up to 100 mW output power depending on the wavelength
- Customized configurations and modifications available
- Standard fiber connectors or collimated beam output
- Fixed or separable fiber coupling
- Single mode, multimode or polarization maintaining fibers

### TECHNICAL DATA

- Operational temperature 15°C - 35°C
- Output power stability  $\pm 2\%$

Distribution in the UK & Ireland



**Characterisation,  
Measurement &  
Analysis**

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