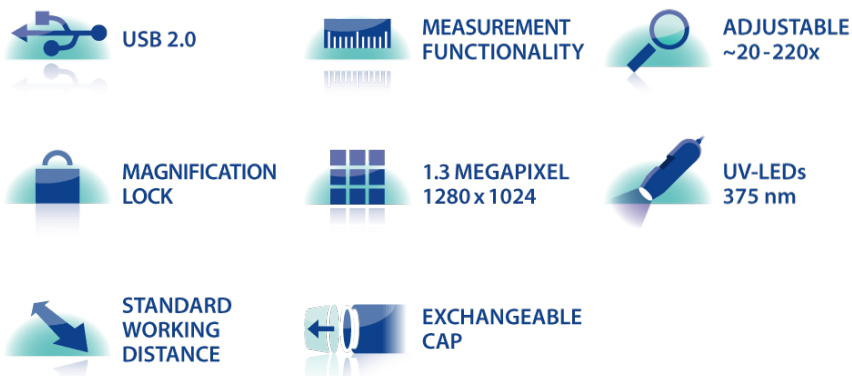


# AM4115-FUT - Edge



The AM4115-FUT has special lighting with LED's emitting UV light around the 375 nm spectrum.



The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design.

» Also available with 390-400nm LEDs (model AM4115T-FVW).

## Additional Info

- Dino-Lite Range: Dino-Lite Special lighting
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Standard (10x - 220x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €350,00 - €550,00

- Light/ LED type: UV
- ESD Safe: No
- Polarizer: No
- Housing: Composite/plastic housing
- Special feature: No
- Dino-Lite Range: Dino-Lite Special lighting
- Light/ LED type: UV
- Number of LEDs: 4+4
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: Yes, Emission barrier filter 375 nm
- Polarizer: No
- Magnification: 20-220x
- Macro zoom: No
- Working Distance: Standard
- Resolution: 1.3 Megapixel (1280x1024)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: No
- Special feature: No
- Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual
- Price Range: €350,00 - €550,00

- **Details**

- Dino-Lite range: Dino-Lite Special lighting

- **Lighting**

- Light/ LED type: UV
- Number of LEDs: 4+4
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: Yes, Emission barrier filter 375 nm
- Polarizer: No

- **Optics**

- Magnification: 20-220x
- Macro zoom: No
- Working distance: Standard
- Lens type: Glass with anti-reflection coating

- **Sensor**

- Sensor type: CMOS
- Resolution: 1.3 Megapixel (1280x1024)
- Maximum frame rate: 30 fps

- **Compatibility**

- Interface: USB 2.0
- Operating system: Windows XP, Vista, 7, 8 & 10, MacOS 10.9 and up
- Included software: DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
- Supported image formats (Windows): BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
- Supported video formats (Windows): WMV, FLV, SWF
- Supported image formats (MacOS): JPEG, PNG
- Supported video formats (MacOS): MOV
- Imaging standards: DirectShow, UVC

- **Housing**

- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Dimensions: 10.5cm (L) x 3.2cm (D)
- Weight: 105g
- Cable length: 1.8m

- **Features**

- Special feature: No
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD safe: No

- **Information**

- Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €350,00 - €550,00
- Working distance/ field of view/ depth of field:

| <b>Magnification Rate</b>                | <b>Working Distance 1</b> | <b>Working Distance 2*</b> | <b>Field of View(x)</b> | <b>Field of View(y)</b> | <b>Depth of Field</b> |
|--|---------------------------|----------------------------|-------------------------|-------------------------|-----------------------|
| 20                                       | 52.7                      | 60.2                       | 19.5                    | 15.6                    | 2.5                   |
| 30                                       | 26.0                      | 33.5                       | 13.0                    | 10.4                    | 1.8                   |
| <b>Listed values may differ slightly</b> |                           | <b>* Without front cap</b> |                         |                         | <b>Unit = mm</b>      |

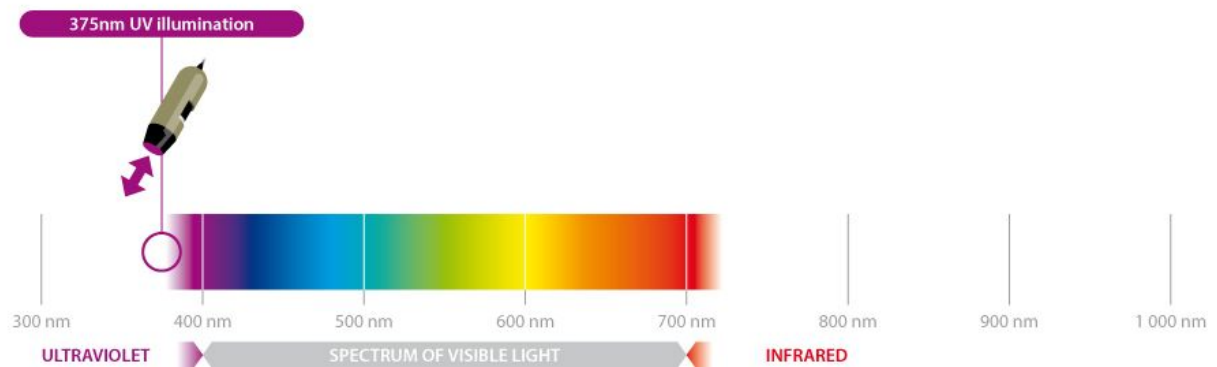
| Magnification Rate | Working Distance 1 | Working Distance 2* | Field of View(x) | Field of View(y) | Depth of Field |
|--------------------|--------------------|---------------------|------------------|------------------|----------------|
| 40                 | 13.4               | 20.9                | 9.8              | 7.8              | 1.5            |
| 50                 | 6.4                | 13.9                | 7.8              | 6.3              | -              |
| 60                 | 2.2                | 9.7                 | 6.5              | 5.2              | -              |
| 70                 | -                  | 7.1                 | 5.6              | 4.5              | 1.0            |
| 80                 | -                  | 5.5                 | 4.9              | 3.9              | -              |
| 90                 | -                  | 4.5                 | 4.3              | 3.5              | -              |
| 100                | -                  | 4.1                 | 3.9              | 3.1              | -              |
| 110                | -                  | 4.0                 | 3.6              | 2.8              | -              |
| 120                | -                  | 4.1                 | 3.3              | 2.6              | -              |
| 130                | -                  | 4.5                 | 3.0              | 2.4              | -              |
| 140                | -                  | 5.0                 | 2.8              | 2.2              | -              |
| 150                | -                  | 5.6                 | 2.6              | 2.1              | -              |
| 160                | -                  | 6.3                 | 2.4              | 2.0              | -              |
| 170                | -                  | 7.1                 | 2.3              | 1.8              | -              |
| 180                | -                  | 8.0                 | 2.2              | 1.7              | -              |
| 190                | -                  | 8.9                 | 2.1              | 1.6              | -              |
| 200                | -                  | 9.9                 | 2.0              | 1.6              | -              |
| 210                | -                  | 10.9                | 1.9              | 1.5              | -              |
| 220                | -                  | 11.9                | 1.8              | 1.4              | 0.1            |

Listed values may differ slightly

\* Without front cap

Unit = mm

- Special Light:



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