

ML4 LED

DATA

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| Description | ML4 LED |
| Catalogue Number | see catalogue or price list |
| Stand / Datum | 19.07.2017 |

GENERAL

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| Regulation | CE |
| Product variants | n/a |
| Weight | 260 gramm, ML4 LED on Headband Professional L 460 gramm, ML4 LED on Headband Professional L with mPack UNPLUGGED |
| Dimensions packaging | paperboard box: 405mm x 264mm x 200mm |
| Material | synthetic material, aluminium, glass |
| REACH/RoHS | REACH & RoHS compliant |
| Phthalate | Contains no Phthalates |
| Biocompatibility | The medical device does not have patient contact per intended use. Therefore the ISO 10993 is not applicable. |
| Latex | Product is Latex free |
| Surface | Housing made of synthetic material |
| Environmental conditions operation | Temp.: +10°C to +35°C, relative humidity: 30%-75%, air pressure: 700hPa to 1060hPa |
| Environmental conditions storage | Temp.: +5°C to +45°C, relative humidity: 45%-80%, air pressure: 500hPa to 1060hPa |
| Environmental conditions transport | Temp.: -20°C to +50°C, relative humidity: 45%-80%, air pressure: 500hPa to 1060hPa |
| Durability | 5 years warranty |
| Operating elements | Adjustable spot size control |
| Power Supply | mPack, mPack UNPLUGGED, EN50, Plug-in transformer |
| HIBC code: | J-008.31.410-000: +E229J008314010001J |
| EAN code: | J-008.31.410-000: 4053755179787 |
| Customs code (tariff number) | 90189084 |
| UNSPSC-code | 42182600 (class); 42182600 (commodity) |
| Accessories: | attachable yellow filter |
| Patents: | n/a |

MECHANICAL

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| Connections: | connection to i-View loupe carrier |
| Imprints: | "ML4 LED", red imprint „Heine-Logo“, "HEINE made in Germany", "serial number" |

CLEANING, STERILIZATION

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| | Please also see detailed instructions in the user manual! Wiping with non-aggressive cleaning and disinfection solutions - no alcohol for the lens. |
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LIGHT

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| Typ: | LED |
| Maintenance: | n/a |
| Voltage: | 6-9V DC |
| Performance: | max. 5W |
| Power absorption | Max.600 mA |
| Light controlling: | stepless light control by headband mounted rheostat |
| Luminous intensity: | ≥ 65.000lx |
| Colour temperature: | Approx. 4500K |
| Illuminated field: | 30-80mm Ø in 420mm working distance |
| Quality of the illuminated field: | round, homogeneous illumination |
| medium life expectancy: | approx. 50.000h |
| Operating times: | mPack: 8.5h, mPack UNPLUGGED: 3.5h |
| Colour rendering: | typ. CRI ≥ 90, R9 ≥ 75 |
| UV radiation: | n/a |
| Lightening direction: | Vertical adjustable from -20° to ≥ 20° (ocular level) |