



lightSTUDIO AW Head

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| Name | lightSTUDIO AW Head |
| Function | lightSTUDIO AW Head is a diffuse light head that allows for the selection of different correlated color temperatures (CCT) and illuminance adjustment. The CCT describes the relative color temperature of a white light source and enables the light spectrum to be adjusted for different applications or visual requirements. |
| Features | Adjustable color temperature Adjustable illuminance |

lightSTUDIO 1AW90 Head

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| Response time | Stable illuminance after 3 minutes |
| Light intensity* | 2 lx – 1800 lx |
| Adjustable Color Temperature** | 3000 Kelvin – 6500 Kelvin |
| Accessible color temperatures | 3000K, 3200K, 3400K, 3600K, 3800K, 4000K, 4200K, 4400K, 4600K, 4800K, 5000K, 5200K, 5400K, 5500K, 5600K, 5800K, 6000K, 6200K, 6500K |
| CRI | > 90 |

lightSTUDIO 2AW90 Head

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|--------------------------------|---|
| Response time | Stable illuminance after 3 minutes |
| Light intensity* | 4 lx – 3600 lx |
| Adjustable Color Temperature** | 3000 Kelvin – 6500 Kelvin |
| Accessible color temperatures | 3000K, 3200K, 3400K, 3600K, 3800K, 4000K, 4200K, 4400K, 4600K, 4800K, 5000K, 5200K, 5400K, 5500K, 5600K, 5800K, 6000K, 6200K, 6500K |
| CRI | > 90 |

lightSTUDIO 1AW95 Head

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|--------------------------------|---|
| Response time | Stable illuminance after 3 minutes |
| Light intensity* | 1.5 lx – 1700 lx |
| Adjustable Color Temperature** | 2700 Kelvin – 6500 Kelvin |
| Accessible color temperatures | 2700K, 2800K, 3000K, 3200K, 3400K, 3600K, 3800K, 4000K, 4200K, 4400K, 4600K, 4800K, 5000K, 5200K, 5400K, 5500K, 5600K, 5800K, 6000K, 6200K, 6500K |
| CRI | >= 95 |



lightSTUDIO 2AW95 Head

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|--------------------------------|---|
| Response time | Stable illuminance after 3 minutes |
| Light intensity* | 3 lx – 3400 lx |
| Adjustable Color Temperature** | 2700 Kelvin – 6500 Kelvin |
| Accessible color temperatures | 2700K, 2800K, 3000K, 3200K, 3400K, 3600K, 3800K, 4000K, 4200K, 4400K, 4600K, 4800K, 5000K, 5200K, 5400K, 5500K, 5600K, 5800K, 6000K, 6200K, 6500K |
| CRI | >= 95 |

Software

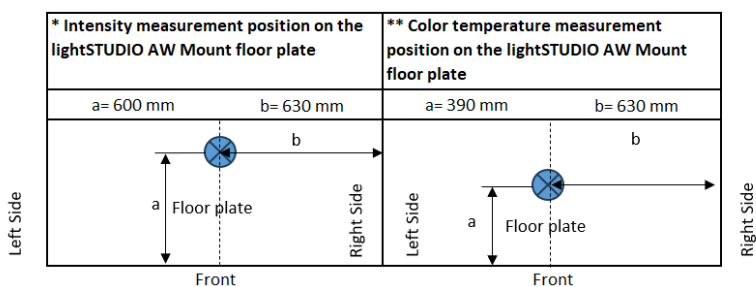
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|---------------|--|
| Requirements | PC with Windows 10 (or higher) USB 2.0 Port |
| Functionality | <ul style="list-style-type: none"> Adjustable Color Temperature (in K) Adjustable Light intensity (in %) Split function Preset-controlled lighting control |
| Software | lightSTUDIO Software |

For all lightSTUDIO AW Head Variants

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| Illuminated area (L x W x H) | 1250 mm x 750 mm |
| Operation without PC | <ul style="list-style-type: none"> Storage of up to 25 predefined presets Controllable with switches on the appliance panel |
| Light source | Image Engineering AW Light Source Technology (AW for Adaptive White) |
| Homogeneity | > 70% |
| Dimming function for illuminance | Coarse tuning from 0 - 100% in 1% increments, Fine-tuning with 0.1% steps |
| Other features | Warm-up, preset-controlled light control, display backlighting controllable via firmware |
| Lifespan | 12.000 Hours |
| Power supply/consumption | 24 VDC, 221 W - External power supply unit (not part of this product) *** |
| Connectors | 1 x USB for software control |
| Dimensions (depth x width x height) | 1380 mm x 805 mm x 180 mm |
| Weight of device | <ul style="list-style-type: none"> lightSTUDIO AW 1AW90 / 1AW95 → 38 Kg lightSTUDIO AW 2AW90 / 2AW95 → 44 Kg |
| Operating temperature | 19° - 25 °C |
| Scope of delivery | <ul style="list-style-type: none"> lightSTUDIO AW User Manual lightSTUDIO AW HEAD Power cable + USB-Kabel lightSTUDIO AW – Acceptance protocol lightSTUDIO Software Wooden box |
| Illumination levels | Illuminance deviation* |
| 100%-1% | +/- 5% |
| 0,9% - 0,5% | +/- 10% |
| < 0,5% | > +10% / < -10% |

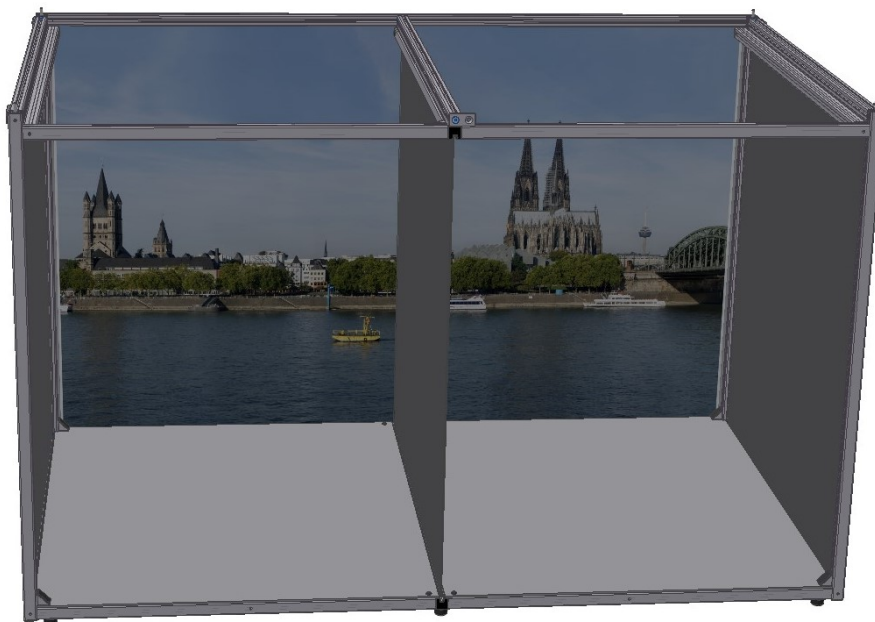


| Illumination levels | Color temperature deviation** |
|---------------------|-------------------------------|
| 100%-2% | +/- 1,5% |
| 1,9% - 1% | +/- 4% |
| 0,9% - 0,5% | +/- 10% |
| < 0,5% | > +10% / < -10% |



| * Intensity measuring device | Tolerance | ** Color temperature measuring device | Tolerance |
|-------------------------------|-----------|---------------------------------------|-----------|
| PRC Krochmann RadioLux 111 | +/-1% | Konica Minolta CL500A | +/-1% |

*** Reference power supply unit: Meanwell GSM220A24-R7B - IN: 100 - 240VAC; OUT: 24 VDC, 9.2A, 221W; Connector KYCON KPPX-4P



lightSTUDIO AW Mount

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| Name | lightSTUDIO AW Mount |
| Function | It can be used as a holder for lightSTUDIO AW Head variants in the LightSTUDIO AW Bundle. |
| Compatibility | The mount is compatible with the following lightSTUDIO AW Head variants: <ul style="list-style-type: none"> • lightSTUDIO AW Head 1AW90 • lightSTUDIO AW Head 1AW95 • lightSTUDIO AW Head 2AW90 • lightSTUDIO AW Head 2AW95 |
| Dimensions (width x depth x height) | 1310 mm x 805 mm x 826 mm |
| Weight of device | 16 kg without back panel 18 kg with back panel |
| Operating temperature | 19° - 25 °C |
| Scope of delivery | <ul style="list-style-type: none"> • lightSTUDIO AW Mount User Manual • lightSTUDIO AW Mount • lightSTUDIO AW Mount – Acceptance protocol • lightSTUDIO S/L Chart • Split wall • Wooden box |

Miscellaneous

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