



| BOX TYPE | BASIC | HDR | MOVING | HDR and MOVING |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Article name | lightSTUDIO-S | lightSTUDIO-LH | lightSTUDIO-LM | lightSTUDIO-LMH |
| Supply voltage | 220 – 240 V, 50/60 Hz | 220 – 240 V, 50/60 Hz | 220 – 240 V, 50/60 Hz | 220 – 240 V, 50/60 Hz |
| Outer dimension (WxHxD) | 130 x 80 x 80 cm | 130 x 80 x 127 cm | 232 x 192 x 82 cm | 232 x 192 x 128 cm |
| Inner dimension bottom plate (WxD) | 125 x 75 cm | 125 x 75 cm | 125 x 75 cm | 125 x 75 cm |
| Height of the area for a test scene | 60 cm | 60 cm | 75 cm | 75 cm |
| Weight | ca. 45 kg | 67 kg | 134 kg | 156 kg |
| Power consumption | max. 200 VA | max. 400 VA | max. 600 VA | max. 800 VA |
| USB interface | USB 1.1 | USB 2.0 | USB 2.0 | USB 2.0 |

BASIC lightHEAD

| Illumination type | Color temperature, ca. [°K] | Max. light level [Lux] | Dimmable |
|-------------------------------------|-----------------------------|------------------------|----------|
| F12* | 2800 | ≥ 1600 | yes |
| F11** | 3800 | ≥ 1600 | yes |
| D50*** | 5000 | ≥ 1600 | yes |
| D65 | 6500 | ≥ 1600 | yes |
| Halogen**** 10 lx | 2100 | 10 | yes |
| Halogen**** 100 lx | 2800 | 100 | yes |
| Halogen**** 400 lx | 3100 | ≥ 400 | yes |
| Halogen**** 400 lx with blue filter | 10000 | ≥ 400 | yes |

* OSRAM L 36W/930 (2 pcs.), or other 36W with CRI (color rendering index) of > 90 and color temperature of 2800-3000 K

** OSRAM L 36W/940 (2 pcs.), or other 36W with CRI of >90 and color temperature of 3800-4000 K

*** OSRAM L 36W/950 (2 pcs.), or other 36W with CRI of >90 and color temperature of 5000 K

**** NV Halogen Lamp 20 W 12 V MEGA IRC, GU5.3, (13 pcs.)

Other types can be used if they meet the following requirements: 12V, 20W, socket GU5.3, emitting angle 60°, with safety glass and cool beam technology

LED LIGHTHEAD

| | |
|--|--|
| Light source | iQ-LED (10 pcs.): 800 LEDs, 22 channels (20 color, 2 white) / 32 kHz PWM / 400 – 820 nm / approx. lifetime: 10.000 h |
| Minimum switch time between illuminants | 50 ms |
| Included relative spectral power distributions | D50, D55, D65, D75, 3200(BB), A, B, C, F2, F11, F12 |
| Illumination stability | +/- 2% |
| Illumination range | 25...600 lux, depending on illuminant |
| Further components | Micro spectrometer (built into bottom plate of lightSTUDIO) |

HDR EXTENSION

| | |
|-------------------|--|
| Light source | LG2-D (2 pcs.) built into a Super Black Hole |
| Illumination type | OSRAM DULUX L 24 W/954 (4 pcs.), fluorescent |
| Color temperature | approx. 4700 K +/- 200 K |
| Dimmable | yes (3...100%) |

MOVING EXTENSION

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|----------------------------------|---------------|
| Horizontal movement speed | 0.001...3 m/s |
| Rotation speed | 0.5...360 rpm |

Timecode display

| | |
|--------------------------------|------------------------|
| Outer dimension (WxHxD) | 22.3 x 10.3 x 3 cm |
| Weight | approx. 0.5 kg |
| Supply voltage | 10...15 V DC |
| Display range | 0...99 min 59 s 999 ms |

DIGITUS

| | |
|-----------------------------------|--|
| Travel distance | max. 6 mm, adjustable |
| Suitable for touch-screens | yes |
| Adaptor | The adaptor plate has a ¼ inch screw |
| Further components | L-shape holder with Manfrotto RC4 rapid connect system Exchangeable finger with touch-pen tip |