
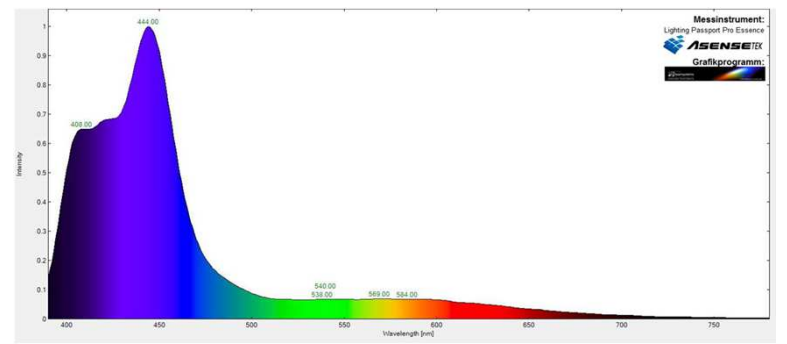
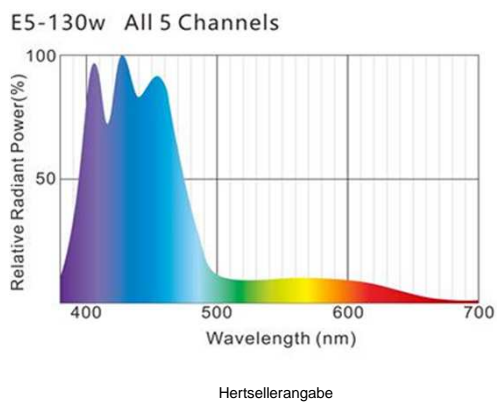


Maxspect Ethereal

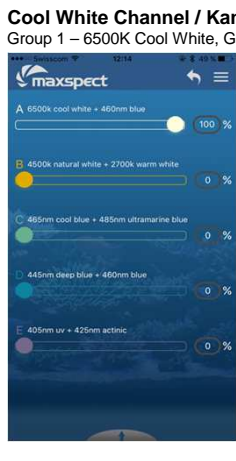
Leistungsaufnahme 121.5 Watt



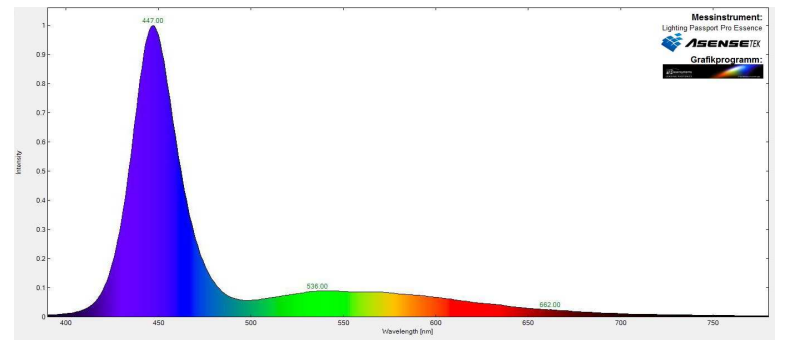
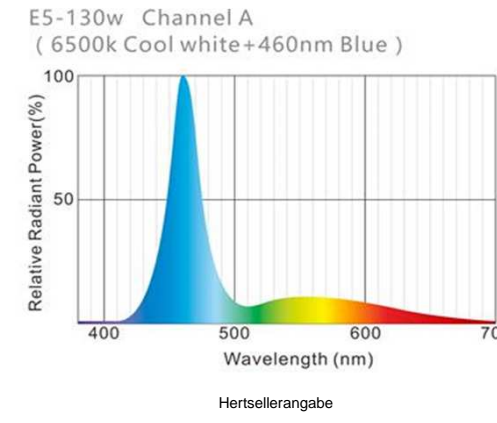
| Parameter | Value |
|----------------------|--|
| PPFD (400–700 nm) | 442.47 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD IR (701–780 nm) | 6.3121 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD R (600–700 nm) | 34.772 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD G (500–599 nm) | 56.149 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD B (400–499 nm) | 351.58 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD UV (380–399 nm) | 19.002 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (400–700 nm) | 338.42 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (380–780 nm) | 351.64 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD IR (701–780 nm) | 1.0972 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD R (600–700 nm) | 32.680 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD G (500–599 nm) | 48.200 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD B (400–499 nm) | 257.56 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD UV (380–399 nm) | 11.779 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| R/ B | 0.1 |
| R/ FR | 5.51 |
| Illuminance | 38.230 lux |
| Ap (380–780 nm) | 10241 nm |
| AD (380–780 nm) | 445 nm |
| CCT | 455 K |
| CRI | 0 |




Cool White Channel / Kanal A
Group 1 – 6500K Cool White, Group 2 – 460nm Blue
Leistungsaufnahme 31 Watt



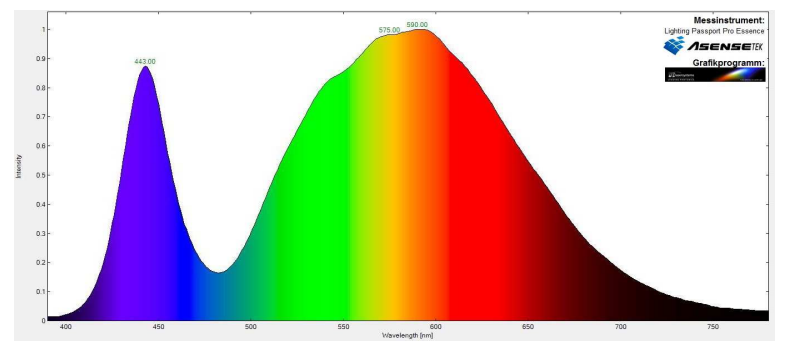
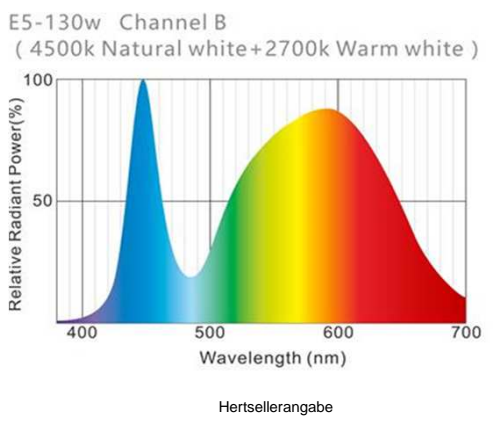
| Parameter | Value |
|----------------------|--|
| PPFD (400–700 nm) | 80.352 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD IR (701–780 nm) | 1.5199 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD R (600–700 nm) | 8.1450 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD G (500–599 nm) | 16.340 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD B (400–499 nm) | 55.869 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD UV (380–399 nm) | 0.2107 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (400–700 nm) | 62.910 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (380–780 nm) | 63.293 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD IR (701–780 nm) | 0.2583 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD R (600–700 nm) | 7.6826 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD G (500–599 nm) | 14.119 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD B (400–499 nm) | 41.111 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD UV (380–399 nm) | 0.1249 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| R/ B | 0.15 |
| R/ FR | 5.36 |
| Illuminance | 6.9424 lux |
| Ap (380–780 nm) | 2803 nm |
| AD (380–780 nm) | 448 nm |
| CCT | 459 K |
| CRI | 0 |



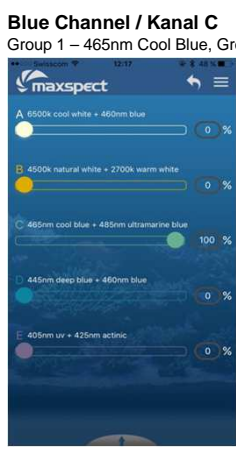
White Channel / Kanal B
Group 1 – 4500K Neutral White, Group 2 – 2700K Warm White
Leistungsaufnahme 30.8 Watt



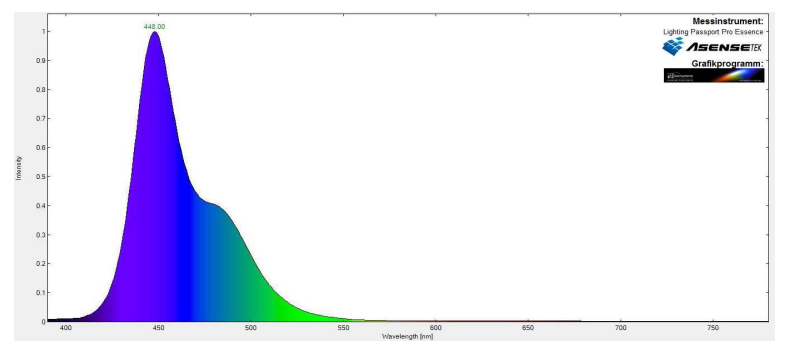
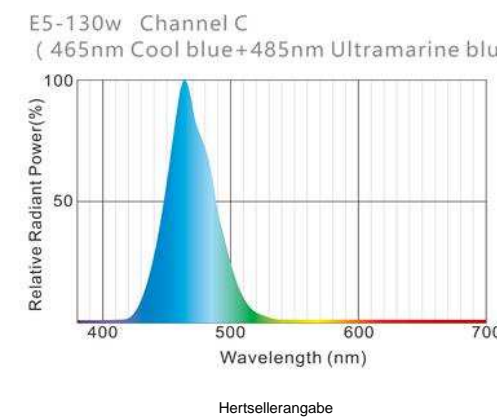
| Parameter | Value |
|----------------------|--|
| PPFD (400–700 nm) | 74.439 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD IR (701–780 nm) | 3.5078 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD R (600–700 nm) | 28.072 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD G (500–599 nm) | 34.082 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD B (400–499 nm) | 12.283 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD UV (380–399 nm) | 0.0872 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (400–700 nm) | 65.626 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (380–780 nm) | 66.384 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD IR (701–780 nm) | 0.7077 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD R (600–700 nm) | 26.438 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD G (500–599 nm) | 30.165 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD B (400–499 nm) | 9.0228 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD UV (380–399 nm) | 0.0512 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| R/ B | 2.29 |
| R/ FR | 8 |
| Illuminance | 6.4315 lux |
| Ap (380–780 nm) | 5305 nm |
| AD (380–780 nm) | 591 nm |
| CCT | 581 K |
| CRI | 3772 |




Blue Channel / Kanal C
Group 1 – 465nm Cool Blue, Group 2 – 485nm Ultramarine Blue
Leistungsaufnahme 31.3 Watt



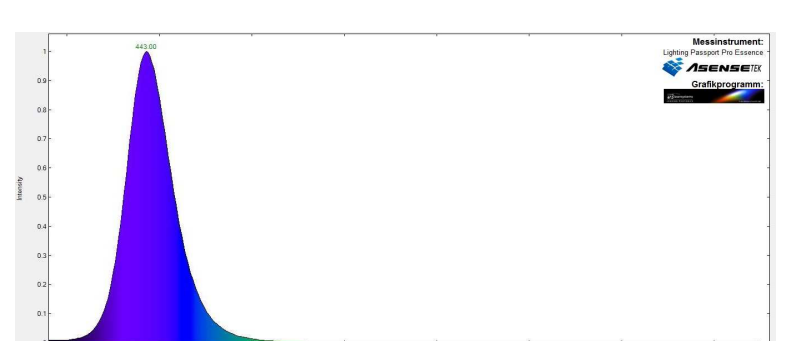
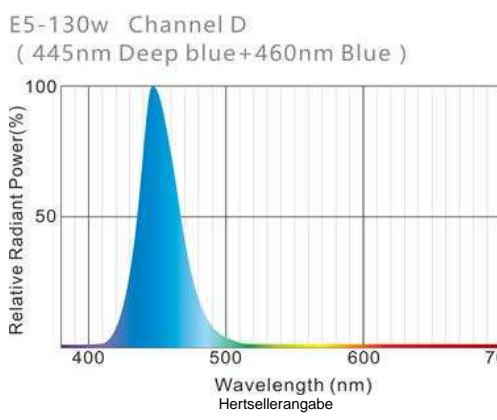
| Parameter | Value |
|----------------------|--|
| PPFD (400–700 nm) | 71.324 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD IR (701–780 nm) | 0.5175 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD R (600–700 nm) | 0.6201 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD G (500–599 nm) | 7.2300 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD B (400–499 nm) | 63.494 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD UV (380–399 nm) | 0.2198 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (400–700 nm) | 52.034 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (380–780 nm) | 52.232 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD IR (701–780 nm) | 0.0675 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD R (600–700 nm) | 0.5565 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD G (500–599 nm) | 5.4053 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD B (400–499 nm) | 46.087 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD UV (380–399 nm) | 0.1311 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| R/ B | 0.01 |
| R/ FR | 1.2 |
| Illuminance | 6.1624 lux |
| Ap (380–780 nm) | 1551 nm |
| AD (380–780 nm) | 449 nm |
| CCT | 469 K |
| CRI | 0 |



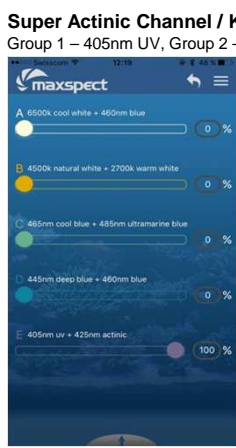
Royal Blue Channel / Kanal D
Group 1 – 445nm Royal Blue, Group 2 – 460nm Blue
Leistungsaufnahme 27.5 Watt



| Parameter | Value |
|----------------------|--|
| PPFD (400–700 nm) | 82.306 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD IR (701–780 nm) | 0.4033 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD R (600–700 nm) | 0.5496 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD G (500–599 nm) | 0.9543 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD B (400–499 nm) | 80.807 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD UV (380–399 nm) | 0.3363 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (400–700 nm) | 61.091 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (380–780 nm) | 61.346 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD IR (701–780 nm) | 0.0581 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD R (600–700 nm) | 0.4889 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD G (500–599 nm) | 0.7550 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD B (400–499 nm) | 59.850 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD UV (380–399 nm) | 0.1986 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| R/ B | 0.01 |
| R/ FR | 1.36 |
| Illuminance | 7.1113 lux |
| Ap (380–780 nm) | 705 nm |
| AD (380–780 nm) | 444 nm |
| CCT | 452 K |
| CRI | 0 |



Super Actinic Channel / Kanal E
Group 1 – 405nm UV, Group 2 – 425nm Super Actinic
Leistungsaufnahme 29 Watt



| Parameter | Value |
|----------------------|--|
| PPFD (400–700 nm) | 170.23 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD IR (701–780 nm) | 1.0807 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD R (600–700 nm) | 0.5800 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD G (500–599 nm) | 0.7795 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD B (400–499 nm) | 168.87 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPFD UV (380–399 nm) | 26.032 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (400–700 nm) | 124.14 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD (380–780 nm) | 140.87 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD IR (701–780 nm) | 0.0912 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD R (600–700 nm) | 0.5272 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD G (500–599 nm) | 0.6317 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD B (400–499 nm) | 122.98 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| YFPD UV (380–399 nm) | 16.174 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| R/ B | 0 |
| R/ FR | 0.54 |
| Illuminance | 14.708 lux |
| Ap (380–780 nm) | 353 nm |
| AD (380–780 nm) | 408 nm |
| CCT | 435 K |
| CRI | 0 |

