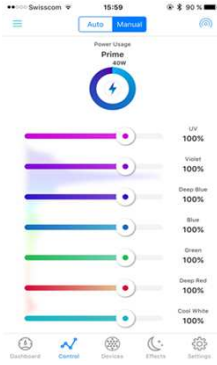
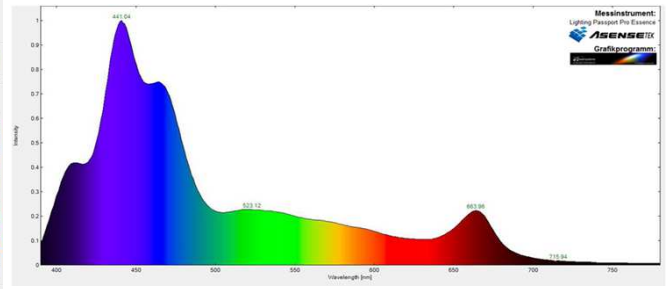
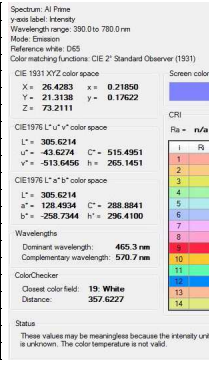


Aqua Illumination Prime Einstellungsvergleiche

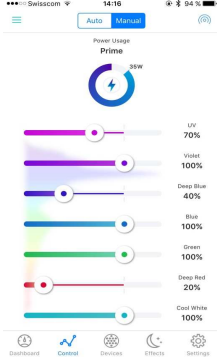
AI Prime



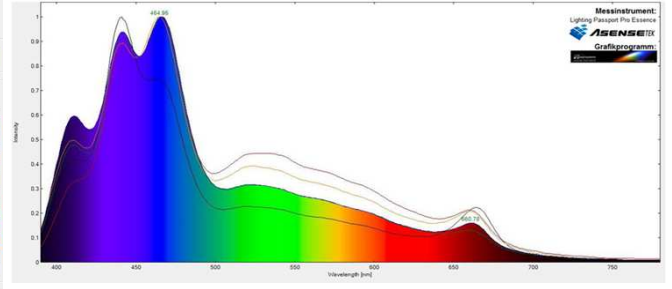
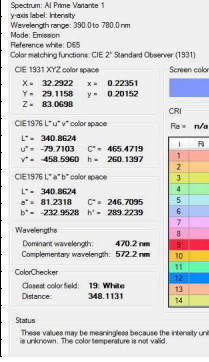
Parameter	Value
PPFD (400–700 nm)	256.78 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701–780 nm)	4.4908 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600–700 nm)	45.660 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500–599 nm)	61.127 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400–499 nm)	150.02 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380–399 nm)	4.9739 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400–700 nm)	150.10 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380–780 nm)	151.07 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD IR (701–780 nm)	0.0210 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600–700 nm)	5.4824 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500–599 nm)	33.410 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400–499 nm)	111.22 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380–399 nm)	0.8744 $\mu\text{mol}/\text{m}^2\text{s}$
R/B	0.3
R/FR	10.17
Illuminance	22.186 lux
Ap (380–780 nm)	9994 nm
AD (380–780 nm)	441 nm
CCT	469 K
CRI	0



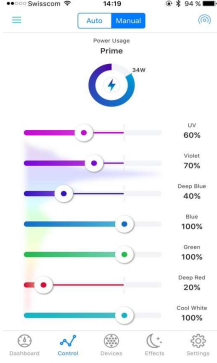
AI Prime Variante 1



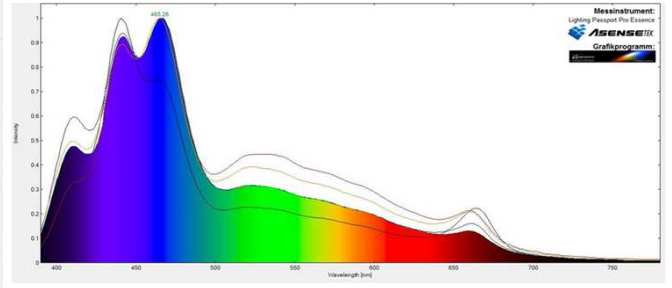
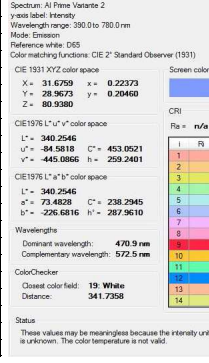
Parameter	Value
PPFD (400–700 nm)	250.85 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701–780 nm)	4.4139 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600–700 nm)	36.253 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500–599 nm)	68.983 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400–499 nm)	145.63 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380–399 nm)	5.5894 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400–700 nm)	148.88 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380–780 nm)	149.97 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD IR (701–780 nm)	0.0206 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600–700 nm)	4.4613 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500–599 nm)	37.700 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400–499 nm)	106.73 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380–399 nm)	0.9864 $\mu\text{mol}/\text{m}^2\text{s}$
R/B	0.25
R/FR	8.21
Illuminance	21.673 lux
Ap (380–780 nm)	11045 nm
AD (380–780 nm)	466 nm
CCT	473 K
CRI	0



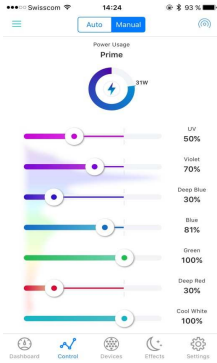
AI Prime Variante 2



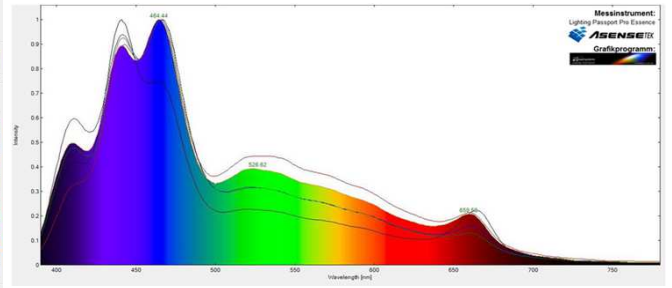
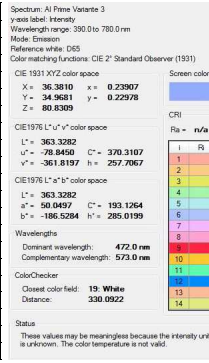
Parameter	Value
PPFD (400–700 nm)	242.08 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701–780 nm)	4.4319 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600–700 nm)	33.461 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500–599 nm)	69.021 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400–499 nm)	139.61 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380–399 nm)	4.9274 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400–700 nm)	145.91 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380–780 nm)	146.87 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD IR (701–780 nm)	0.0200 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600–700 nm)	4.1556 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500–599 nm)	37.716 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400–499 nm)	104.06 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380–399 nm)	0.8638 $\mu\text{mol}/\text{m}^2\text{s}$
R/B	0.24
R/FR	7.55
Illuminance	20.915 lux
Ap (380–780 nm)	11019 nm
AD (380–780 nm)	466 nm
CCT	473 K
CRI	0



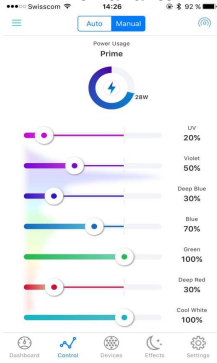
AI Prime Variante 3



Parameter	Value
PPFD (400–700 nm)	215.00 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701–780 nm)	4.2435 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600–700 nm)	36.925 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500–599 nm)	67.729 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400–499 nm)	110.36 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380–399 nm)	3.9419 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400–700 nm)	123.47 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380–780 nm)	124.24 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD IR (701–780 nm)	0.0199 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600–700 nm)	4.5414 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500–599 nm)	36.960 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400–499 nm)	81.983 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380–399 nm)	0.6927 $\mu\text{mol}/\text{m}^2\text{s}$
R/B	0.33
R/FR	8.7
Illuminance	18.576 lux
Ap (380–780 nm)	10599 nm
AD (380–780 nm)	466 nm
CCT	475 K
CRI	0



AI Prime Variante 4



Parameter	Value
PPFD (400–700 nm)	193.45 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701–780 nm)	4.3779 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600–700 nm)	35.223 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500–599 nm)	67.666 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400–499 nm)	90.571 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380–399 nm)	1.9005 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400–700 nm)	110.22 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380–780 nm)	110.61 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD IR (701–780 nm)	0.0200 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600–700 nm)	4.3596 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500–599 nm)	36.895 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400–499 nm)	68.969 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380–399 nm)	0.3316 $\mu\text{mol}/\text{m}^2\text{s}$
R/B	0.39
R/FR	8.05
Illuminance	16.714 lux
Ap (380–780 nm)	10438 nm
AD (380–780 nm)	465 nm
CCT	477 K
CRI	27.317 Kelvin

