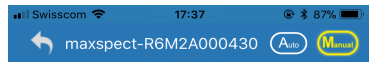
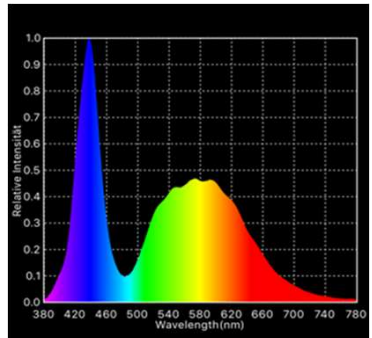


Maxspect Recurve / SPS Programm mit Kelvin

6'000 Kelvin
Leistungsaufnahme 73.0 - 78.0 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	267.68 µmol/m ² /s
PPFD FR (701~780 nm)	7.9529 µmol/m ² /s
PPFD R (600~700 nm)	75.401 µmol/m ² /s
PPFD G (500~599 nm)	114.07 µmol/m ² /s
PPFD B (400~499 nm)	78.203 µmol/m ² /s
PPFD UV (380~399 nm)	1.2473 µmol/m ² /s
YPFD (400~700 nm)	126.53 µmol/m ² /s
YPFD (380~780 nm)	126.81 µmol/m ² /s
YPFD FR (701~780 nm)	0.0408 µmol/m ² /s
YPFD R (600~700 nm)	9.5170 µmol/m ² /s
YPFD G (500~599 nm)	60.719 µmol/m ² /s
YPFD B (400~499 nm)	56.300 µmol/m ² /s
YPFD UV (380~399 nm)	0.2108 µmol/m ² /s
R/ B	0.96
R/ FR	9.48
DLI	23.128 mol/m ²
Beleuchtungsstärk	17'321 lux
λp (380~780 nm)	439 nm
λD (380~780 nm)	0 nm
CCT	5'669 K
CRI	0

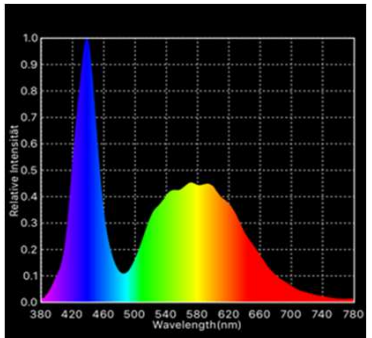
Parameter	Value
CCT	6'053 K
CRI(Ra)	79
CQS	69
TLCI(Qa)	47.2
GAI	109.5
Beleuchtungsstärke	16'863 lux
Foot Candle	1566.6 fc
λp	438 nm
Flicker Percentage	3.50%
Flicker Index	0.01
Flicker Frequency	33 Hz



8'000 Kelvin
Leistungsaufnahme 73.8 - 78.5 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	271.32 µmol/m ² /s
PPFD FR (701~780 nm)	8.0041 µmol/m ² /s
PPFD R (600~700 nm)	74.996 µmol/m ² /s
PPFD G (500~599 nm)	113.49 µmol/m ² /s
PPFD B (400~499 nm)	82.824 µmol/m ² /s
PPFD UV (380~399 nm)	1.2961 µmol/m ² /s
YPFD (400~700 nm)	130.12 µmol/m ² /s
YPFD (380~780 nm)	130.41 µmol/m ² /s
YPFD FR (701~780 nm)	0.0410 µmol/m ² /s
YPFD R (600~700 nm)	9.4656 µmol/m ² /s
YPFD G (500~599 nm)	60.422 µmol/m ² /s
YPFD B (400~499 nm)	60.240 µmol/m ² /s
YPFD UV (380~399 nm)	0.2181 µmol/m ² /s
R/ B	0.91
R/ FR	9.37
DLI	23.442 mol/m ²
Beleuchtungsstärk	17'286 lux
λp (380~780 nm)	440 nm
λD (380~780 nm)	0 nm
CCT	6'003 K
CRI	0

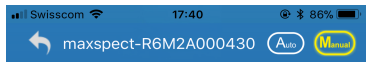
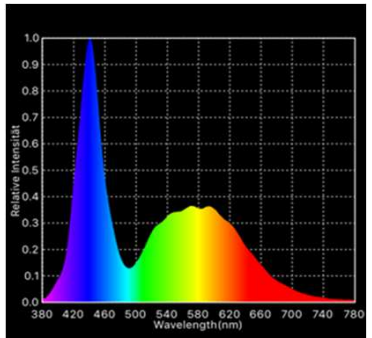
Parameter	Value
CCT	6'511 K
CRI(Ra)	80
CQS	70
TLCI(Qa)	49.5
GAI	111.4
Beleuchtungsstärke	16'871 lux
Foot Candle	1567.4 fc
λp	438 nm
Flicker Percentage	2.20%
Flicker Index	0
Flicker Frequency	33 Hz



10'000 Kelvin
Leistungsaufnahme 80.0 - 84.7 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	300.21 µmol/m ² /s
PPFD FR (701~780 nm)	7.9569 µmol/m ² /s
PPFD R (600~700 nm)	74.537 µmol/m ² /s
PPFD G (500~599 nm)	114.15 µmol/m ² /s
PPFD B (400~499 nm)	111.51 µmol/m ² /s
PPFD UV (380~399 nm)	1.3601 µmol/m ² /s
YPFD (400~700 nm)	154.48 µmol/m ² /s
YPFD (380~780 nm)	154.79 µmol/m ² /s
YPFD FR (701~780 nm)	0.0407 µmol/m ² /s
YPFD R (600~700 nm)	9.4098 µmol/m ² /s
YPFD G (500~599 nm)	60.806 µmol/m ² /s
YPFD B (400~499 nm)	84.275 µmol/m ² /s
YPFD UV (380~399 nm)	0.2277 µmol/m ² /s
R/ B	0.67
R/ FR	9.37
DLI	25.938 mol/m ²
Beleuchtungsstärk	17'642 lux
λp (380~780 nm)	442 nm
λD (380~780 nm)	448 nm
CCT	9'022 K
CRI	0

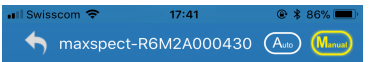
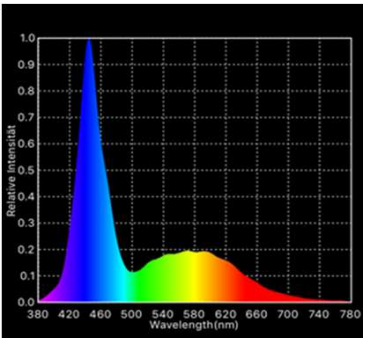
Parameter	Value
CCT	10'960 K
CRI(Ra)	79
CQS	69
TLCI(Qa)	50.1
GAI	119.1
Beleuchtungsstärke	17'234 lux
Foot Candle	1601.1 fc
λp	441 nm
Flicker Percentage	6.90%
Flicker Index	0.02
Flicker Frequency	33 Hz



12'000 Kelvin
Leistungsaufnahme 105.0 - 110.0 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	403.91 µmol/m ² /s
PPFD FR (701~780 nm)	8.2996 µmol/m ² /s
PPFD R (600~700 nm)	73.168 µmol/m ² /s
PPFD G (500~599 nm)	116.14 µmol/m ² /s
PPFD B (400~499 nm)	214.62 µmol/m ² /s
PPFD UV (380~399 nm)	1.7075 µmol/m ² /s
YPFD (400~700 nm)	241.48 µmol/m ² /s
YPFD (380~780 nm)	241.87 µmol/m ² /s
YPFD FR (701~780 nm)	0.0409 µmol/m ² /s
YPFD R (600~700 nm)	9.2458 µmol/m ² /s
YPFD G (500~599 nm)	61.986 µmol/m ² /s
YPFD B (400~499 nm)	170.26 µmol/m ² /s
YPFD UV (380~399 nm)	0.2819 µmol/m ² /s
R/ B	0.34
R/ FR	8.82
DLI	34.898 mol/m ²
Beleuchtungsstärk	18'870 lux
λp (380~780 nm)	446 nm
λD (380~780 nm)	459 nm
CCT	0 K
CRI	0

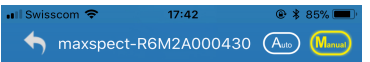
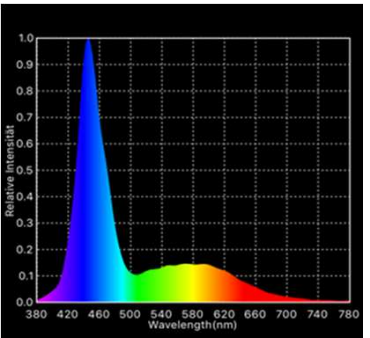
Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	18'500 lux
Foot Candle	1718.7 fc
λp	445 nm
Flicker Percentage	25.60%
Flicker Index	0.07
Flicker Frequency	217 Hz



14'000 Kelvin
Leistungsaufnahme 127.7 - 133.8 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	494.02 µmol/m ² /s
PPFD FR (701~780 nm)	8.4543 µmol/m ² /s
PPFD R (600~700 nm)	73.178 µmol/m ² /s
PPFD G (500~599 nm)	119.05 µmol/m ² /s
PPFD B (400~499 nm)	301.83 µmol/m ² /s
PPFD UV (380~399 nm)	1.9471 µmol/m ² /s
YPFD (400~700 nm)	315.81 µmol/m ² /s
YPFD (380~780 nm)	316.28 µmol/m ² /s
YPFD FR (701~780 nm)	0.0414 µmol/m ² /s
YPFD R (600~700 nm)	9.2476 µmol/m ² /s
YPFD G (500~599 nm)	63.669 µmol/m ² /s
YPFD B (400~499 nm)	242.92 µmol/m ² /s
YPFD UV (380~399 nm)	0.3211 µmol/m ² /s
R/ B	0.24
R/ FR	8.66
DLI	42.684 mol/m ²
Beleuchtungsstärk	20'120 lux
λp (380~780 nm)	447 nm
λD (380~780 nm)	460 nm
CCT	0 K
CRI	0

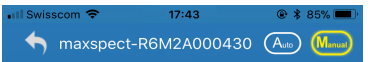
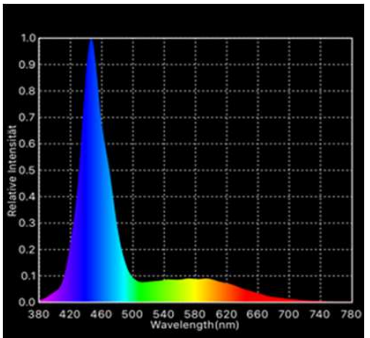
Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	19'813 lux
Foot Candle	1840.7 fc
λp	446 nm
Flicker Percentage	6.80%
Flicker Index	0.02
Flicker Frequency	217 Hz



16'000 Kelvin
Leistungsaufnahme 106.8 - 112.0 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	402.20 µmol/m ² /s
PPFD FR (701~780 nm)	4.9440 µmol/m ² /s
PPFD R (600~700 nm)	43.569 µmol/m ² /s
PPFD G (500~599 nm)	77.129 µmol/m ² /s
PPFD B (400~499 nm)	281.53 µmol/m ² /s
PPFD UV (380~399 nm)	1.7976 µmol/m ² /s
YPFD (400~700 nm)	274.77 µmol/m ² /s
YPFD (380~780 nm)	275.18 µmol/m ² /s
YPFD FR (701~780 nm)	0.0249 µmol/m ² /s
YPFD R (600~700 nm)	5.5031 µmol/m ² /s
YPFD G (500~599 nm)	41.482 µmol/m ² /s
YPFD B (400~499 nm)	227.80 µmol/m ² /s
YPFD UV (380~399 nm)	0.2956 µmol/m ² /s
R/ B	0.15
R/ FR	8.81
DLI	34.750 mol/m ²
Beleuchtungsstärk	13'677 lux
λp (380~780 nm)	448 nm
λD (380~780 nm)	462 nm
CCT	0 K
CRI	0

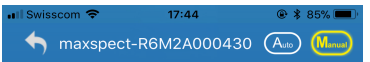
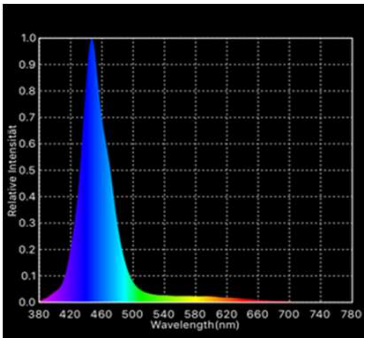
Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	13'138 lux
Foot Candle	1220.5 fc
λp	446 nm
Flicker Percentage	17.90%
Flicker Index	0.05
Flicker Frequency	217 Hz



18'000 Kelvin
Leistungsaufnahme 84.6 - 88.8 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	296.03 µmol/m ² /s
PPFD FR (701~780 nm)	1.7733 µmol/m ² /s
PPFD R (600~700 nm)	11.137 µmol/m ² /s
PPFD G (500~599 nm)	29.243 µmol/m ² /s
PPFD B (400~499 nm)	255.67 µmol/m ² /s
PPFD UV (380~399 nm)	1.7062 µmol/m ² /s
YPFD (400~700 nm)	225.70 µmol/m ² /s
YPFD (380~780 nm)	226.07 µmol/m ² /s
YPFD FR (701~780 nm)	0.0075 µmol/m ² /s
YPFD R (600~700 nm)	1.3966 µmol/m ² /s
YPFD G (500~599 nm)	16.124 µmol/m ² /s
YPFD B (400~499 nm)	208.19 µmol/m ² /s
YPFD UV (380~399 nm)	0.2802 µmol/m ² /s
R/ B	0.04
R/ FR	6.28
DLI	25.577 mol/m ²
Beleuchtungsstärk	6'348 lux
λp (380~780 nm)	448 nm
λD (380~780 nm)	463 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	6'649 lux
Foot Candle	617.7 fc
λp	447 nm
Flicker Percentage	4.30%
Flicker Index	0.01
Flicker Frequency	33 Hz



SPS / 20'000 Kelvin
Leistungsaufnahme 78.6 - 83.1 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	265.52 µmol/m ² /s
PPFD FR (701~780 nm)	0.4775 µmol/m ² /s
PPFD R (600~700 nm)	1.1610 µmol/m ² /s
PPFD G (500~599 nm)	15.122 µmol/m ² /s
PPFD B (400~499 nm)	249.26 µmol/m ² /s
PPFD UV (380~399 nm)	1.6422 µmol/m ² /s
YPFD (400~700 nm)	212.14 µmol/m ² /s
YPFD (380~780 nm)	212.50 µmol/m ² /s
YPFD FR (701~780 nm)	0.0011 µmol/m ² /s
YPFD R (600~700 nm)	0.1453 µmol/m ² /s
YPFD G (500~599 nm)	8.6219 µmol/m ² /s
YPFD B (400~499 nm)	203.39 µmol/m ² /s
YPFD UV (380~399 nm)	0.2706 µmol/m ² /s
R/ B	0
R/ FR	2.43
DLI	22.941 mol/m ²
Beleuchtungsstärk	4'196 lux
λp (380~780 nm)	448 nm
λD (380~780 nm)	463 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	3'517 lux
Foot Candle	326.7 fc
λp	447 nm
Flicker Percentage	3.60%
Flicker Index	0.01
Flicker Frequency	33 Hz

