

Maxspect Recurve

Kanal A/B/C/D/E/F

Alle Kanäle 100 %

Leistungsaufnahme 164.0 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	556.11 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	8.5987 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	97.112 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	126.52 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	332.52 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	2.4644 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	343.83 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	344.38 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0434 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	11.845 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	68.006 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	264.01 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.4107 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.29
R/ FR	11.29
DLI	48.048 mol/m^2
Beleuchtungsstärk	21'665 lux
λ_p (380~780 nm)	447 nm
λ_D (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	21'757 lux
Foot Candle	2021.3 fc
λ_p	447 nm
Flicker Percentage	6.50%
Flicker Index	0.01
Flicker Frequency	217 Hz

Kanal A

475nm Blue / 465nm Royal Blue/ 445 Deep Blue

Leistungsaufnahme 58.2 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	234.33 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.2671 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	0.4884 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	7.5239 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	226.36 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.6714 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	193.24 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	193.42 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0009 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	0.0605 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	4.3097 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	188.89 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.1059 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0
R/ FR	1.83
DLI	20.246 mol/m^2
Beleuchtungsstärk	3'222 lux
λ_p (380~780 nm)	448 nm
λ_D (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	3'247 lux
Foot Candle	301.7 fc
λ_p	448 nm
Flicker Percentage	4.20%
Flicker Index	0.01
Flicker Frequency	33 Hz

Kanal B

3'000K Warm White 6'500 K Cool White

Leistungsaufnahme 52.5 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	234.88 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	7.8845 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	74.204 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	105.04 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	55.630 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.3835 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	107.19 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	107.30 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0408 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	9.3598 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	55.640 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	42.196 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.0606 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	1.33
R/ FR	9.41
DLI	20.294 mol/m^2
Beleuchtungsstärk	16'143 lux
λ_p (380~780 nm)	441 nm
λ_D (380~780 nm)	595 nm
CCT	4'676 K
CRI	0

Parameter	Value
CCT	4672 K
CRI(Ra)	77
CQS	73
TLCI(Qa)	48.3
GAI	91.7
Beleuchtungsstärke	16'204 lux
Foot Candle	1505.4 fc
λ_p	441 nm
Flicker Percentage	2.80%
Flicker Index	0
Flicker Frequency	33 Hz

Kanal C

660 nm Deep Red

Leistungsaufnahme 13.1 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	24.970 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.5344 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	24.812 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	0.1301 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	0.0288 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.0045 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	2.7771 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	2.7816 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0033 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	2.6990 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	0.0587 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	0.0194 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.0006 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	861.49
R/ FR	46.43
DLI	2.1574 mol/m^2
Beleuchtungsstärk	327 lux
λ_p (380~780 nm)	656 nm
λ_D (380~780 nm)	636 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	336 lux
Foot Candle	31.2 fc
λ_p	656 nm
Flicker Percentage	0.70%
Flicker Index	0
Flicker Frequency	65 Hz

Kanal D

505 nm Cyan

Leistungsaufnahme 13.6 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	14.821 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.0408 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	0.0984 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	9.8789 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	4.8328 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.0159 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	8.6873 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	8.6918 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0001 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	0.0126 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	5.6563 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	3.0108 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.0023 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.02
R/ FR	2.42
DLI	1.2805 mol/m^2
Beleuchtungsstärk	1'138 lux
λ_p (380~780 nm)	503 nm
λ_D (380~780 nm)	506 nm
CCT	11'031 K
CRI	0

Parameter	Value
CCT	11040 K
CRI(Ra)	-19
CQS	0
TLCI(Qa)	2.8
GAI	2.4
Beleuchtungsstärke	1'137 lux
Foot Candle	105.6 fc
λ_p	502 nm
Flicker Percentage	1.20%
Flicker Index	0
Flicker Frequency	3 Hz

Kanal E

480 nm Blue

Leistungsaufnahme 16.3 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	22.173 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.0275 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	0.0729 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	4.1455 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	17.973 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.0335 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	15.347 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	15.355 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0001 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	0.0091 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	2.3820 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	12.965 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.0049 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0
R/ FR	2.66
DLI	1.9158 mol/m^2
Beleuchtungsstärk	835 lux
λ_p (380~780 nm)	481 nm
λ_D (380~780 nm)	485 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	836 lux
Foot Candle	77.7 fc
λ_p	481 nm
Flicker Percentage	1.10%
Flicker Index	0
Flicker Frequency	63 Hz

Kanal F

405nm Violett / 415 nm Violett 440 nm Deep Blue

Leistungsaufnahme 4.4 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	31.895 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.1145 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	0.1041 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	0.7595 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	31.032 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	1.4921 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (400~700 nm)	19.978 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD (380~780 nm)	20.246 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD FR (701~780 nm)	0.0002 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD R (600~700 nm)	0.0125 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD G (500~599 nm)	0.4315 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD B (400~499 nm)	19.534 $\mu\text{mol}/\text{m}^2\text{s}$
YFPD UV (380~399 nm)	0.2584 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0
R/ FR	0.91
DLI	2.7557 mol/m^2
Beleuchtungsstärk	210 lux
λ_p (380~780 nm)	427 nm
λ_D (380~780 nm)	449 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	205 lux
Foot Candle	19.1 fc
λ_p	426 nm
Flicker Percentage	2.00%
Flicker Index	0
Flicker Frequency	63 Hz

