

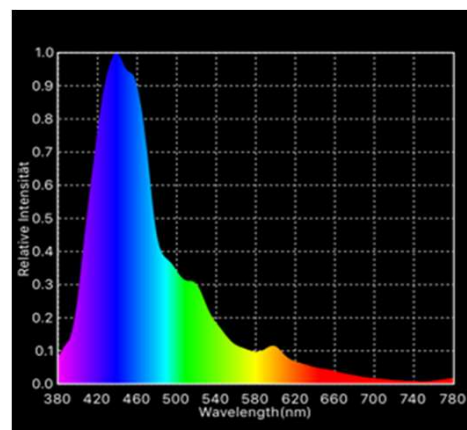
Orphek Atlantik V4

Alle Kanäle 100 %

Leistungsaufnahme 209 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	696.24 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	10.215 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	48.708 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	150.33 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	497.23 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	16.128 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	451.48 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	454.31 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0399 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	6.1533 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	83.362 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	361.99 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	2.5918 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.1
R/ FR	4.77
DLI	60.155 mol/m^2
Beleuchtungsstärke	23'942 lux
λ_p (380~780 nm)	439 nm
λ_D (380~780 nm)	471 nm
CCT	0
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	25271 lux
Foot Candle	2347.7 fc
λ_p	439 nm
Flicker Percentage	3.00%
Flicker Index	0
Flicker Frequency	273 Hz

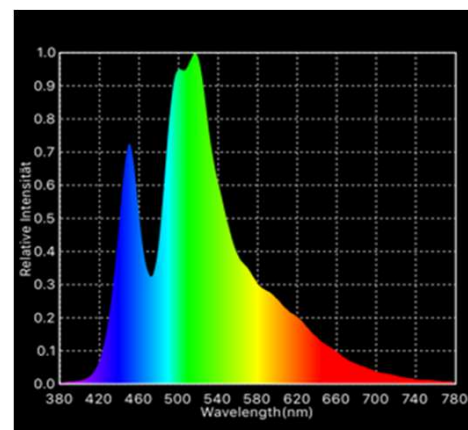


Kanal 1

Leistungsaufnahme 69.3 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	234.58 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	4.5189 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	33.637 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	125.15 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	75.779 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	0.2648 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	131.37 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	131.47 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0218 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	4.2483 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	69.800 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	57.323 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.0412 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.44
R/ FR	7.44
DLI	20.267 mol/m^2
Beleuchtungsstärke	17'202 lux
λ_p (380~780 nm)	517 nm
λ_D (380~780 nm)	499 nm
CCT	9'139 K
CRI	0

Parameter	Value
CCT	9205 K
CRI(Ra)	65
CQS	67
TLCI(Qa)	57.3
GAI	59.2
Beleuchtungsstärke	17830 lux
Foot Candle	1656.5 fc
λ_p	517 nm
Flicker Percentage	1.90%
Flicker Index	0
Flicker Frequency	310 Hz

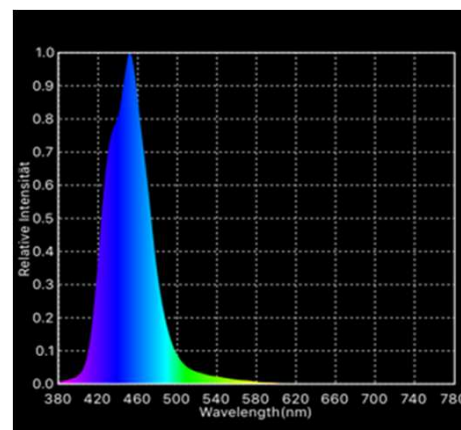


Kanal 2

Leistungsaufnahme 78.0 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	358.73 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	0.2025 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	1.1652 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	19.264 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	338.34 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	1.5345 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	279.30 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	279.64 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0006 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	0.1573 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	10.990 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	268.17 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.2495 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0
R/ FR	5.75
DLI	30.994 mol/m^2
Beleuchtungsstärke	5'486 lux
λ_p (380~780 nm)	452 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	5324 lux
Foot Candle	494.6 fc
λ_p	452 nm
Flicker Percentage	4.10%
Flicker Index	0.01
Flicker Frequency	23 Hz

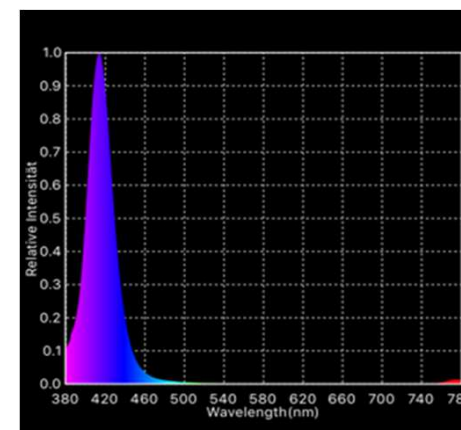


Kanal 3

Leistungsaufnahme 41.9 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	93.772 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	1.2582 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	0.1026 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	0.8814 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	92.789 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	12.245 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	47.124 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	49.251 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0007 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	0.0133 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	0.4999 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	46.612 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	2.0241 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0
R/ FR	0.08
DLI	8.1019 mol/m^2
Beleuchtungsstärke	271 lux
λ_p (380~780 nm)	415 nm
λ_D (380~780 nm)	441 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	228 lux
Foot Candle	21.1 fc
λ_p	414 nm
Flicker Percentage	2.60%
Flicker Index	0
Flicker Frequency	310 Hz



Kanal 4

Leistungsaufnahme 40.4 Watt
Messinstrument Spektrometer & Flickermeter
Lighting Passport Pro Essence

Parameter	Value
PPFD (400~700 nm)	55.380 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD FR (701~780 nm)	4.3021 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	14.658 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	5.5111 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	35.210 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	2.8551 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (400~700 nm)	34.376 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	34.796 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD FR (701~780 nm)	0.0162 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	1.8505 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	2.2422 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	30.287 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	0.3908 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.42
R/ FR	3.41
DLI	4.7848 mol/m^2
Beleuchtungsstärke	14'16 lux
λ_p (380~780 nm)	453 nm
λ_D (380~780 nm)	0 nm
CCT	0 K
CRI	0

Parameter	Value
CCT	0 K
CRI(Ra)	0
CQS	0
TLCI(Qa)	0
GAI	0
Beleuchtungsstärke	1480 lux
Foot Candle	137.5 fc
λ_p	452 nm
Flicker Percentage	1.20%
Flicker Index	0
Flicker Frequency	106 Hz

