

Aqua Medic Spectrus 90 90° Linsen

Messinstrument: Spektrophotometer Lighting Passport Essence von LEDclusive
 Raumtemperatur: 19° Celsius
 Abstand von Sensor bis uk Modul: 30 cm Alter: neu

McCrees Action Spectrum		Chlorophyll A		Chlorophyll B	
Parameter	Value	Parameter	Value	Parameter	Value
PPFD (400~700 nm)	267.12 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD (400~700 nm)	265.49 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD (400~700 nm)	266.02 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701~780 nm)	4.0745 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD IR (701~780 nm)	3.6196 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD IR (701~780 nm)	4.1161 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	40.407 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD R (600~700 nm)	40.086 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD R (600~700 nm)	40.063 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	64.417 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD G (500~599 nm)	64.054 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD G (500~599 nm)	64.370 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	162.31 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD B (400~499 nm)	161.36 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD B (400~499 nm)	161.59 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	4.8549 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD UV (380~399 nm)	4.8161 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD UV (380~399 nm)	4.8100 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	215.80 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD (380~780 nm)	42.887 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD (380~780 nm)	67.913 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD IR (701~780 nm)	0.7213 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD IR (701~780 nm)	0.0108 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD IR (701~780 nm)	0.0000 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	38.503 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD R (600~700 nm)	5.9609 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD R (600~700 nm)	5.1667 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	55.010 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD G (500~599 nm)	1.9472 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD G (500~599 nm)	2.8879 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	118.52 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD B (400~499 nm)	33.530 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD B (400~499 nm)	59.685 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	2.9917 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD UV (380~399 nm)	1.3782 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD UV (380~399 nm)	0.1444 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.25	R/ B	0.25	R/ B	0.25
R/ FR	9.92	R/ FR	11.07	R/ FR	9.73
Illuminance	23.079 lux	Illuminance	22.939 lux	Illuminance	22.984 lux
λ_p (380~780 nm)	10655 nm	λ_p (380~780 nm)	10583 nm	λ_p (380~780 nm)	10635 nm
λ_D (380~780 nm)	444 nm	λ_D (380~780 nm)	444 nm	λ_D (380~780 nm)	444 nm
CCT	463 K	CCT	463 K	CCT	463 K
CRI	0	CRI	0	CRI	0