

## Orphek Atlantik V3

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)	729.42 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD (400~700 nm)	726.70 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD (400~700 nm)	726.83 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701~780 nm)	16.511 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD IR (701~780 nm)	15.446 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD IR (701~780 nm)	15.664 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	79.465 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD R (600~700 nm)	77.518 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD R (600~700 nm)	77.911 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	111.36 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD G (500~599 nm)	110.17 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD G (500~599 nm)	109.97 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	538.64 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD B (400~499 nm)	539.05 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD B (400~499 nm)	538.99 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	11.001 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD UV (380~399 nm)	11.416 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD UV (380~399 nm)	11.703 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	571.96 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD (380~780 nm)	127.68 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD (380~780 nm)	220.01 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD IR (701~780 nm)	3.1168 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD IR (701~780 nm)	0.0466 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD IR (701~780 nm)	0.0000 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	73.642 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD R (600~700 nm)	12.884 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD R (600~700 nm)	8.1400 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	95.391 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD G (500~599 nm)	3.3795 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD G (500~599 nm)	4.9495 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	392.71 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD B (400~499 nm)	107.82 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD B (400~499 nm)	206.45 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	6.8250 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD UV (380~399 nm)	3.3085 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD UV (380~399 nm)	0.3758 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.15	R/ B	0.14	R/ B	0.14
R/ FR	4.81	R/ FR	5.02	R/ FR	4.97
Illuminance	63.022 lux	Illuminance	62.786 lux	Illuminance	62.798 lux
$\lambda_p$ (380~780 nm)	20640 nm	$\lambda_p$ (380~780 nm)	20394 nm	$\lambda_p$ (380~780 nm)	20368 nm
$\lambda_D$ (380~780 nm)	443 nm	$\lambda_D$ (380~780 nm)	443 nm	$\lambda_D$ (380~780 nm)	443 nm
CCT	460 K	CCT	460 K	CCT	459 K
CRI	0	CRI	0	CRI	0