

# Aqua Illumination Hydra TwentySix HD

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)	593.68 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD (400~700 nm)	594.84 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD (400~700 nm)	591.14 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD IR (701~780 nm)	5.9777 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD IR (701~780 nm)	8.2121 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD IR (701~780 nm)	6.3051 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD R (600~700 nm)	79.083 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD R (600~700 nm)	79.551 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD R (600~700 nm)	79.059 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD G (500~599 nm)	100.29 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD G (500~599 nm)	100.34 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD G (500~599 nm)	99.418 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD B (400~499 nm)	414.36 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD B (400~499 nm)	415.01 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD B (400~499 nm)	412.72 $\mu\text{mol}/\text{m}^2\text{s}$
PPFD UV (380~399 nm)	11.206 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD UV (380~399 nm)	11.277 $\mu\text{mol}/\text{m}^2\text{s}$	PPFD UV (380~399 nm)	10.765 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD (380~780 nm)	465.92 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD (380~780 nm)	84.157 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD (380~780 nm)	185.46 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD IR (701~780 nm)	1.2175 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD IR (701~780 nm)	0.0250 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD IR (701~780 nm)	0.0000 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD R (600~700 nm)	73.685 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD R (600~700 nm)	18.640 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD R (600~700 nm)	8.7078 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD G (500~599 nm)	84.667 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD G (500~599 nm)	3.0158 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD G (500~599 nm)	4.4700 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD B (400~499 nm)	299.24 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD B (400~499 nm)	59.070 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD B (400~499 nm)	171.87 $\mu\text{mol}/\text{m}^2\text{s}$
YPFD UV (380~399 nm)	6.9439 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD UV (380~399 nm)	3.2507 $\mu\text{mol}/\text{m}^2\text{s}$	YPFD UV (380~399 nm)	0.3415 $\mu\text{mol}/\text{m}^2\text{s}$
R/ B	0.19	R/ B	0.19	R/ B	0.19
R/ FR	13.23	R/ FR	9.69	R/ FR	12.54
Illuminance	51.294 lux	Illuminance	51.394 lux	Illuminance	51.075 lux
$\lambda_p$ (380~780 nm)	18449 nm	$\lambda_p$ (380~780 nm)	18493 nm	$\lambda_p$ (380~780 nm)	18335 nm
$\lambda_D$ (380~780 nm)	456 nm	$\lambda_D$ (380~780 nm)	456 nm	$\lambda_D$ (380~780 nm)	456 nm
CCT	467 K	CCT	467 K	CCT	467 K
CRI	0	CRI	0	CRI	0