

PPFD Test Report

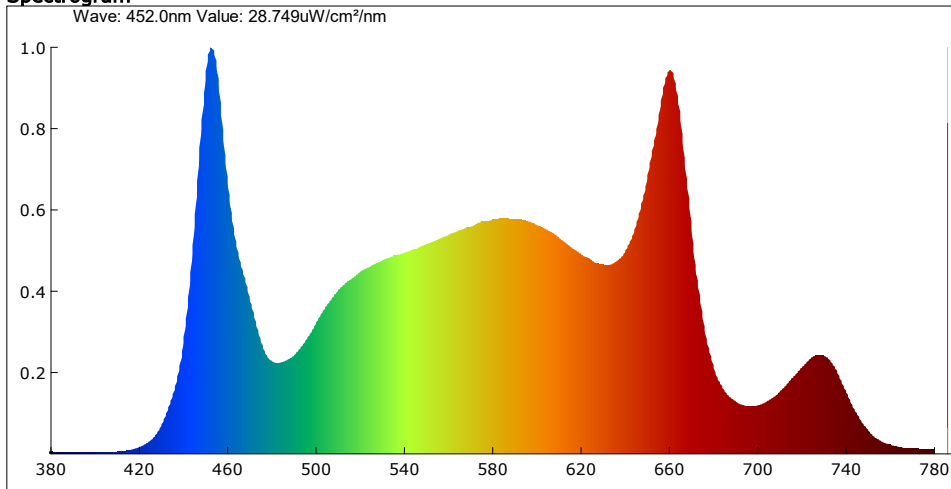
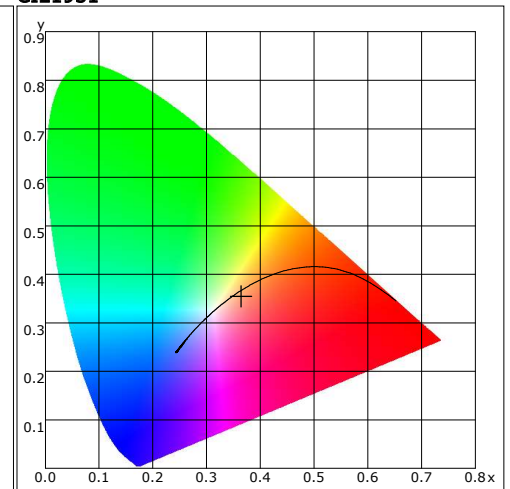
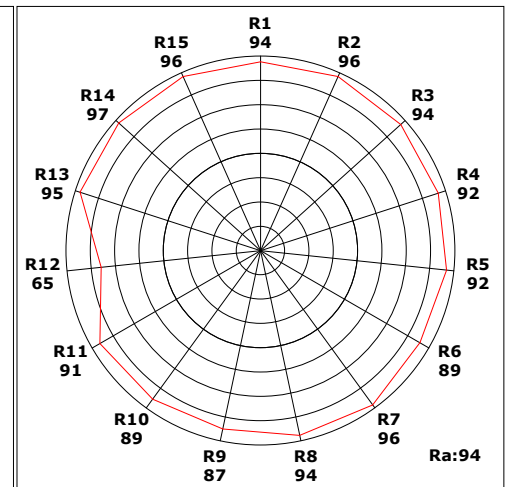
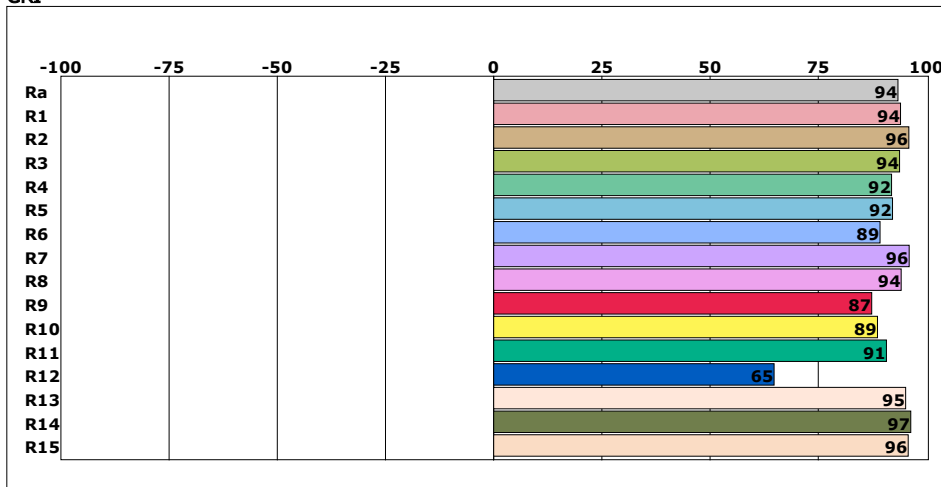
Product Mark

 Model: ML-3FR
 Temperature: 20°c
 Tester: Groots

 Manufacture: Green Roots
 Humidity: 40%
 Test Date: 2023-04-05,16:34:32

Parameter

Name	Value	Name	Value	Name	Value	Name	Value
PAR(mW/cm ²)	60.038	Euv(mW/cm ²)	0.041	Purity(%)	15.6		
PPFD(umol/mi/s)	259.539	Efr(mW/cm ²)	0.000	HalfWidth(nm)	20.3		
PPFD_UV(umol/mi/s)	0.131	Ec(mW/cm ²)	4.007	Peak(nm)	453.3		
PPFD_B(umol/mi/s)	48.595	Erb Ratio	1.636	Center(nm)	454.8		
PPFD_G(umol/mi/s)	99.962	E(lx)	15794.57	Centroid(nm)	577.4		
PPFD_R(umol/mi/s)	110.982	Candle E(fc)	1467.90	Color Ratio(RGB)	18.7,78.2,3.1		
PPFD_FR(umol/mi/s)	23.837	CCT(K)	4327	CIE1931 X	23774.561		
PPFD_IR(umol/mi/s)	0.000	Duv	-0.00582	CIE1931 Y	23125.291		
Kppfv(umol/s/klm)	16.432	CIE x,y	0.3642,0.3543	CIE1931 Z	18374.414		
YFPD(umol/mi/s)	231.290	CIE u,v	0.2234,0.3259	TLCI-2012	0		
EchA(mW/cm ²)	0.915	CIE u',v'	0.2234,0.4888	Integral Time(ms)	5		
EchB(uW/cm ²)	0.260	SDCM	9.79	Peak Signal	53354		
Ep(mW/cm ²)	49.104	Ra	93.5	Dark Signal	4161		
Eb(mW/cm ²)	12.871	Ee(mW/cm ²)	58.728	Compensate level	3056		
Ey(mW/cm ²)	22.058	S/P	1.876				
Er(mW/cm ²)	21.062	Dominant(nm)	582.90				

Spectrogram

CIE1931

CRI

Instrument Status

 Type: OHSP-300P
 Integral Time: 4.500ms
 SN: 202010160
 VPeak: 53354
 Scan Range: 380-780nm
 VDark: 4161

Remark: 20cm