

OHSP Test Report

Product Mark

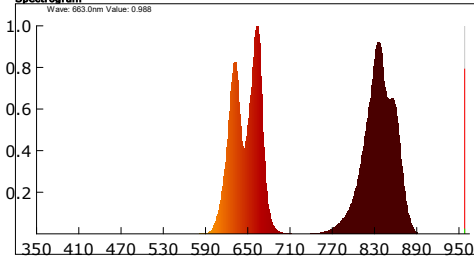
Model: Derma Red P900 PLUS @ 6 inches
 Temperature: 20°C
 Tester: admin

Manufacture: Care Lamps
 Humidity: 65%
 Test Date: 2022-10-26,11:10:34

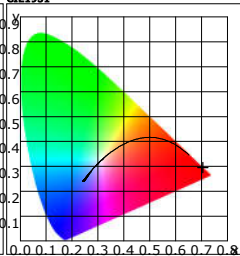
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	46594.03	S/P	0.039	Eb(mW/cm ²)	0.011	PPFD_FR(umol/m ² /s)	49.573
Candle E(fc)	4328.69	Dominant(nm)	628.60	Ey(mW/cm ²)	0.132	PPFD_IR(umol/m ² /s)	47.698
CCT(K)	1001	Purity(%)	99.8	Er(mW/cm ²)	42.541	Kppfv(umol/s/klm)	3297.492
Duv	-0.00991	HalfWidth(nm)	21.1	Euv(mW/cm ²)	0.000	YPPFD(umol/m ² /s)	2194.505
CIE x,y	0.7052,0.2941	Peak(nm)	663.8	Efr(mW/cm ²)	0.000	Ep(mW/cm ²)	40.595
CIE u,v	0.5511,0.3447	Center(nm)	661.4	Eir(mW/cm ²)	47.123	Integral Time(ms)	1
CIE u',v'	0.5511,0.5171	Centroid(nm)	747.4	Ec(mW/cm ²)	90.501	Peak Signal	52180
SDCM	100.00	Color Ratio(RGB)	98.8,1.2,0.0	Erb Ratio	3799.636	Dark Signal	2059
TM-30 Rf	0.00	CIE1931 X	163588.234	PAR(mW/cm ²)	45.498	Compensate level	2970
TM-30 Rg	0.00	CIE1931 Y	68219.656	EchA(mW/cm ²)	0.001		
Ra	10.5	CIE1931 Z	165.265	EchB(mW/cm ²)	0.000		
Ee(mW/cm ²)	90.501	TLCI-2012	2	PPFD(umol/m ² /s)	2309.799		
Ebh(mW/m ²)	0.05	FlickerFrequency Hz	0.00	PPFD_UV(umol/m ² /s)	0.000		
Bek(uW/lm)	0.00	FluctuateDepth(%)	0.0	PPFD_B(umol/m ² /s)	0.404		
Ebh(S)	195.59	BlinkPercent(%)	0.0	PPFD_G(umol/m ² /s)	6.563		
RiskLevel	0	BlinkExponent	0.00	PPFD_R(umol/m ² /s)	2302.832		

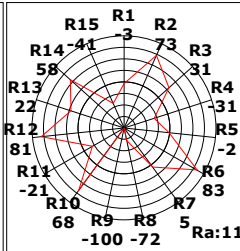
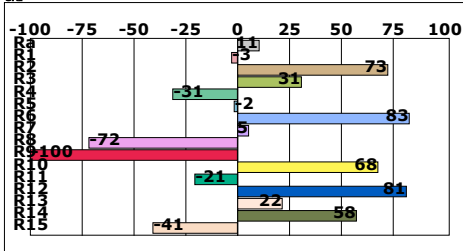
Spectrogram



CIE1931



CRI



Instrument Status

Type: OHSP-350SF

SN: 0

Scan Range: 350-950nm

Integral Time: 0.500ms

VPeak: 52180

VDark: 2059

Remark: