

OHSP Test Report

Product Mark

Model: Derma Red P900 PLUS @ 36 inches

Temperature: 20°C

Tester: admin

Manufacture: Care Lamps

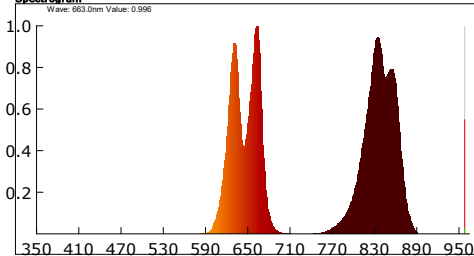
Humidity: 65%

Test Date: 2022-10-26,11:24:15

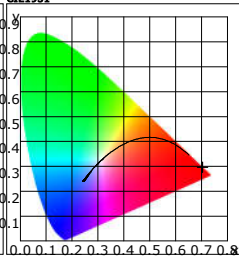
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	15893.97	S/P	0.039	Eb(mW/cm ²)	0.003	PPFD_FR(umol/m ² /s)	46.814
Candle E(fc)	1476.59	Dominant(nm)	627.80	Ey(mW/cm ²)	0.049	PPFD_IR(umol/m ² /s)	14.946
CCT(K)	1001	Purity(%)	99.9	Er(mW/cm ²)	13.728	Kppfv(umol/s/klm)	1133.434
Duv	-0.00965	HalfWidth(nm)	20.6	Euv(mW/cm ²)	0.000	YPPFD(umol/m ² /s)	708.932
CIE x,y	0.7043,0.2951	Peak(nm)	663.8	Efr(mW/cm ²)	0.000	Ep(mW/cm ²)	13.142
CIE u,v	0.5489,0.3450	Center(nm)	660.9	Eir(mW/cm ²)	16.187	Integral Time(ms)	1
CIE u',v'	0.5489,0.5175	Centroid(nm)	750.0	Ec(mW/cm ²)	30.182	Peak Signal	36076
SDCM	100.00	Color Ratio(RGB)	98.7,1.3,0.0	Erb Ratio	5349.466	Dark Signal	1997
TM-30 Rf	0.00	CIE1931 X	55536.684	PAR(mW/cm ²)	14.699	Compensate level	2970
TM-30 Rg	0.00	CIE1931 Y	23270.820	EchA(mW/cm ²)	0.000		
Ra	10.5	CIE1931 Z	42.100	EchB(mW/cm ²)	0.000		
Ee(mW/cm ²)	30.182	TLCI-2012	2	PPFD(umol/m ² /s)	744.066		
Ebh(mW/m ²)	0.02	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)	0.093		
Ebh(S)	606.00	BlinkPercent(%)	0.0	PPFD_G(umol/m ² /s)	2.435		
RiskLevel	0	BlinkExponent	0.00	PPFD_R(umol/m ² /s)	741.538		

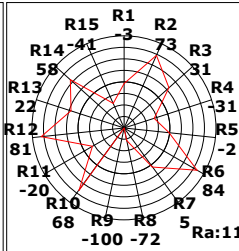
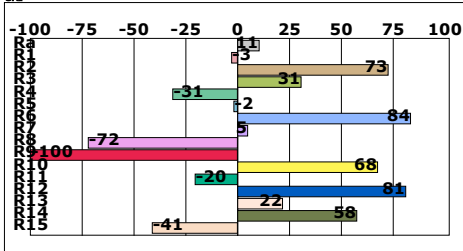
Spectrogram



CIE1931



CRI



Instrument Status

Type: OHSP-350SF

Integral Time: 1.000ms

SN: 0

VPeak: 36076

Scan Range: 350-950nm

VDark: 1997

Remark: