

OHSP Test Report

Product Mark

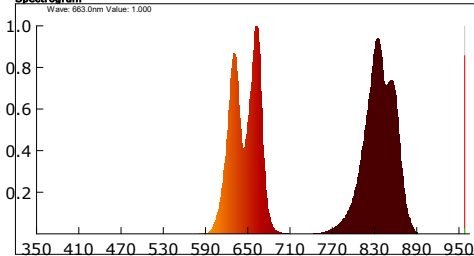
Model: Derma Red P900 PLUS @ 18 inches
 Temperature: 20°C
 Tester: admin

Manufacture: Care Lamps
 Humidity: 65%
 Test Date: 2022-10-26,11:17:13

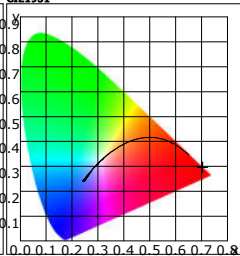
Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	29683.86	S/P	0.039	Eb(mW/cm ²)	0.005	PPFD_FR(umol/m ² /s)	47.588
Candle E(fc)	2757.70	Dominant(nm)	628.00	Ey(mW/cm ²)	0.085	PPFD_IR(umol/m ² /s)	26.657
CCT(K)	1001	Purity(%)	99.9	Er(mW/cm ²)	26.056	Kppfv(umol/s/klm)	2096.253
Duv	-0.00972	HalfWidth(nm)	20.6	Euv(mW/cm ²)	0.000	YPPFD(umol/m ² /s)	1345.188
CIE x,y	0.7047,0.2948	Peak(nm)	663.1	Efr(mW/cm ²)	0.000	Ep(mW/cm ²)	24.922
CIE u,v	0.5496,0.3449	Center(nm)	660.9	Eir(mW/cm ²)	29.952	Integral Time(ms)	1
CIE u',v'	0.5496,0.5174	Centroid(nm)	748.7	Ec(mW/cm ²)	56.484	Peak Signal	56290
SDCM	100.00	Color Ratio(RGB)	98.8,1.2,0.0	Erb Ratio	5346.999	Dark Signal	2039
TM-30 Rf	0.00	CIE1931 X	103884.531	PAR(mW/cm ²)	27.789	Compensate level	2968
TM-30 Rg	0.00	CIE1931 Y	43460.996	EchA(mW/cm ²)	0.000		
Ra	10.3	CIE1931 Z	75.632	EchB(mW/cm ²)	0.000		
Ee(mW/cm ²)	56.484	TLCI-2012	2	PPFD(umol/m ² /s)	1412.606		
Ebh(mW/m ²)	0.03	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)	0.176		
Ebh(S)	323.17	BlinkPercent(%)	0.0	PPFD_G(umol/m ² /s)	4.221		
RiskLevel	0	BlinkExponent	0.00	PPFD_R(umol/m ² /s)	1408.210		

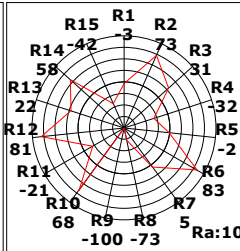
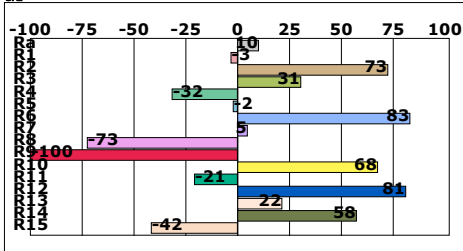
Spectrogram



CIE1931



CRI



Instrument Status

Type: OHSP-350SF

SN: 0

Scan Range: 350-950nm

Integral Time: 0.865ms

VPeak: 56290

VDark: 2039

Remark: