

OHSP Test Report

Product Mark

Model: Derma Red P900 PLUS @ 30 inches

Temperature: 20°C

Tester: admin

Manufacture: Care Lamps

Humidity: 65%

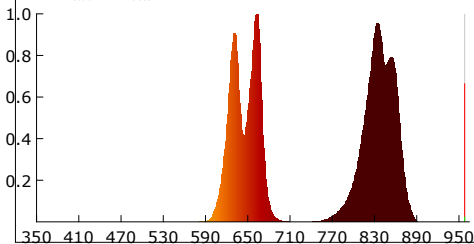
Test Date: 2022-10-26,11:22:20

Parameter

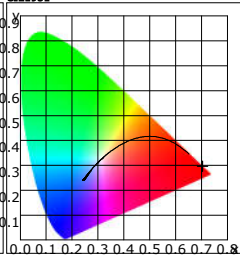
Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	19581.31	S/P	0.040	Eb(mW/cm ²)	0.004	PPFD_FR(umol/m ² /s)	46.768
Candle E(fc)	1819.15	Dominant(nm)	627.80	Ey(mW/cm ²)	0.061	PPFD_IR(umol/m ² /s)	18.650
CCT(K)	1001	Purity(%)	99.8	Er(mW/cm ²)	16.895	Kppfv(umol/s/klm)	1406.395
Duv	-0.00966	HalfWidth(nm)	20.4	Euv(mW/cm ²)	0.000	YPPFD(umol/m ² /s)	872.594
CIE x,y	0.7042,0.2951	Peak(nm)	663.8	Efr(mW/cm ²)	0.000	Ep(mW/cm ²)	16.177
CIE u,v	0.5487,0.3450	Center(nm)	660.8	Eir(mW/cm ²)	20.093	Integral Time(ms)	1
CIE u',v'	0.5487,0.5175	Centroid(nm)	750.2	Ec(mW/cm ²)	37.323	Peak Signal	43848
SDCM	100.00	Color Ratio(RGB)	98.7,1.3,0.0	Erb Ratio	3879.922	Dark Signal	2001
TM-30 Rf	0.00	CIE1931 X	68405.273	PAR(mW/cm ²)	18.118	Compensate level	2968
TM-30 Rg	0.00	CIE1931 Y	28669.555	EchA(mW/cm ²)	0.000		
Ra	10.6	CIE1931 Z	64.961	EchB(mW/cm ²)	0.000		
Ee(mW/cm ²)	37.323	TLCI-2012	2	PPFD(umol/m ² /s)	915.771		
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)	0.158		
Ebh(S)	481.75	BlinkPercent(%)	0.0	PPFD_G(umol/m ² /s)	3.031		
RiskLevel	0	BlinkExponent	0.00	PPFD_R(umol/m ² /s)	912.582		

Spectrogram

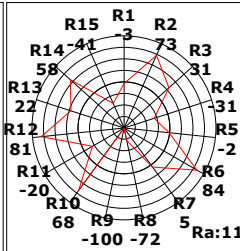
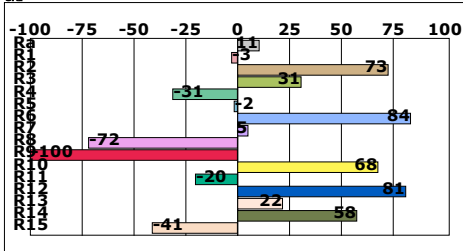
Wave: 663.0nm Value: 0.999



CIE1931



CRI



Instrument Status

Type: OHSP-350SF

Integral Time: 1.000ms

SN: 0

VPeak: 43848

Scan Range: 350-950nm

VDark: 2001

Remark: