

Spectrum Test Report - SBH 4' LED 6400K @ 6"

Sample Info.:

Name: SUN
Date:2018-03-14
TMP:25.3 DEG
Remark:-----

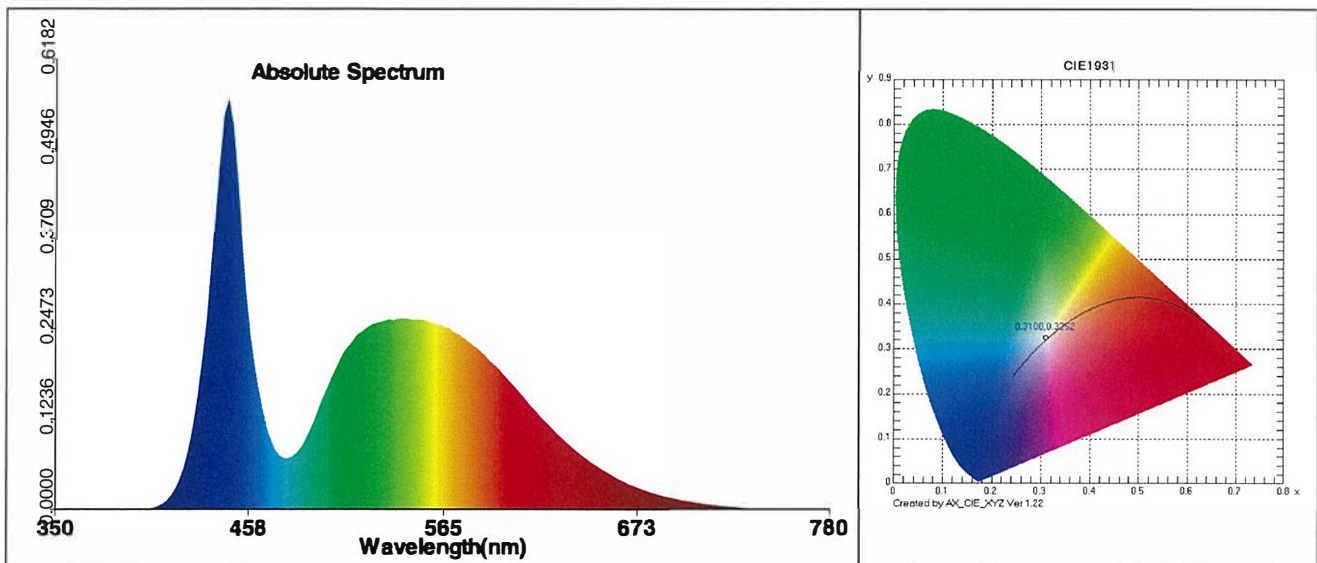
Type:S-1
Manu:EVERFINE
Tester:ADMIN
Humidity:65 %RH

Meter state:

Test Meter: PLA-20
Integral T: 15 ms

Sensitivity: High
PeakAD Ip: 46215.5

Average times: 1



Test parameter:

E= 17447.3 lx	E(fc)=1621.5 fc		
CIE x= 0.3100	CIE y= 0.3252	CIE u'=0.1973	CIE v'=0.4659
Tc=6688 K	Lp=451.0 nm	HW=22.6 nm	Ld=487.2 nm
Pur=8.5 %	Ratio_R=12.4 %	Ratio_G=83.2 %	Ratio_B=4.4 %
Duv=0.00265			
Ra=75.5	R1= 74	R2= 79	R3= 80
R4= 77	R5= 75	R6= 71	R7= 84
R8= 65	R9=-17	R10= 48	R11= 74
R12= 45	R13= 74	R14= 89	R15= 70

SDCM= 6.1(7200K/national)
White Class:C78.377_6500K

E1=54.247 W/m2	E2=54.688 W/m2	PPFD=242.21 μmol/(m·s)
Ech-A=6.3119 W/m2	Ech-B=14.616 W/m2	Ef=0.44316 W/m2
Eb=18.406 W/m2	Ey=25.507 W/m2	Er=10.369 W/m2
Ep=45.528 Wphyto/m2	Erb_Ratio=0.56333	
PPFDf=2.6686E+000 μmol/(m2·s)		

Spectrum Test Report - SBH 4' LED 6400K @ 12"

Sample Info.:

Name:h_1_2018-03-14 08-55-12

Type:S-1

SN:001

Manu:EVERFINE

Date:2018-03-14

Tester:Admin

TMP:25.3 DEG

Humidity:65 %RH

Remark:-----

Meter state:

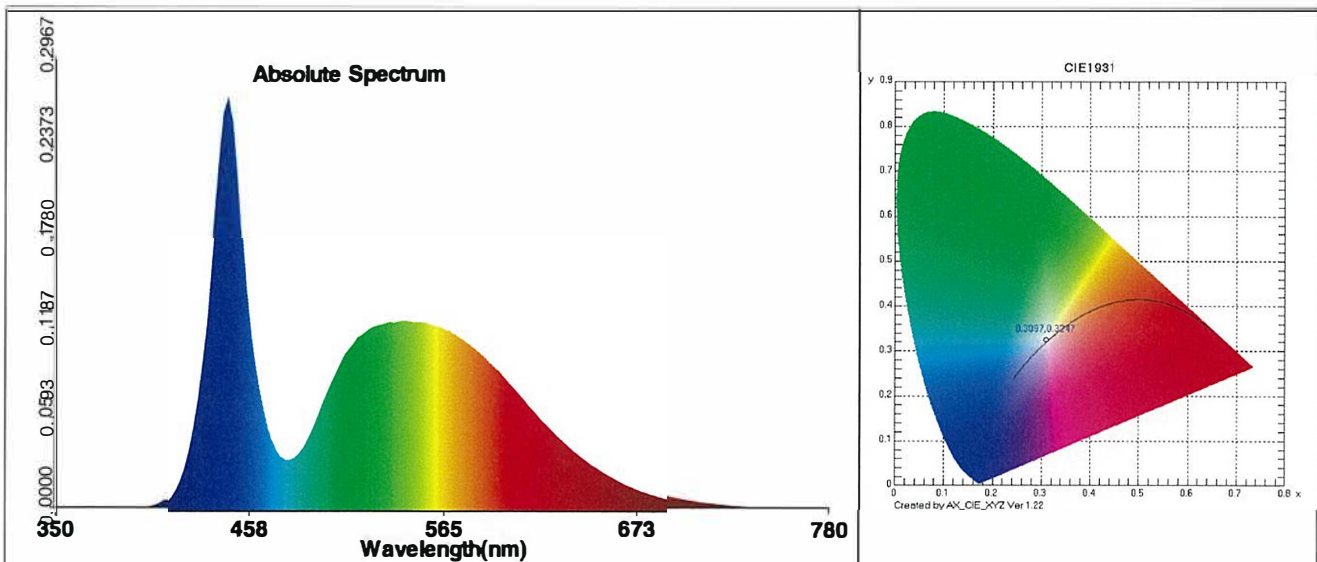
Test Meter: PLA-20

Sensitivity: High

Integral T: 31 ms

PeakAD Ip: 45833.3

Average times: 1



Test parameter:

E= 8353.5 lx

E(fc)=776.344 fc

CIE x= 0.3097

CIE y= 0.3247

CIE u'=0.1973

CIE v'=0.4655

Tc=6713 K

Lp=451.0 nm

HW=22.6 nm

Ld=486.9 nm

Pur=8.7 %

Ratio_R=12.4 %

Ratio_G=83.2 %

Ratio_B=4.4 %

Duv=0.00253

Ra=75.6

R1= 74

R2= 79

R3= 81

R4= 77

R5= 75

R6= 71

R7= 84

R8= 65

R9=-16

R10= 48

R11= 74

R12= 45

R13= 75

R14= 89

R15= 70

SDCM= 5.8(7200K/national)

White Class:C78.377_6500K

E1=26.014 W/m2

E2=26.223 W/m2

PPFD=116.13 $\mu\text{mol}/(\text{m}\cdot\text{s})$

Ech-A=3.0269 W/m2

Ech-B=7.0219 W/m2

Ef=0.21015 W/m2

Eb=8.8555 W/m2

Ey=12.208 W/m2

Er=4.9675 W/m2

Ep=21.826 Wphyto/m2

Erb_Ratio=0.56096

PPFDf=1.2655E+000 $\mu\text{mol}/(\text{m}^2\cdot\text{s})$