

PLA-30 Test Report

Sample Info

Name:LED plant light

Model:MK-ZW225-30W

ManuFactory:EVERFINE

Tester:HE

Humidity:65 %RH

Remark:High:60CM

SN:001

Date:2021-01-09 15:53

Temperature:25.3 Deg

State:OK

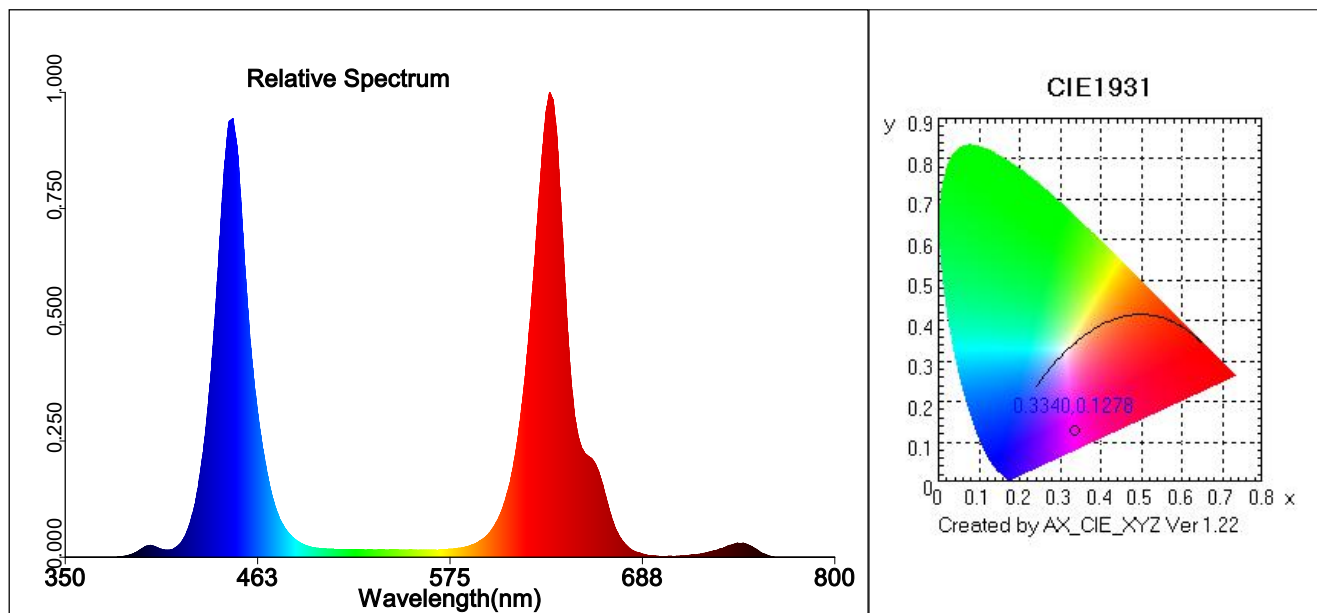
Meter State

Test Meter: PLA

integrating Time: 2.7 ms

PeakAD Ip: 41843.2

Average times: 3



Test Params

E= 1.6987e+003 lx

E(fc)=157.875 fc

Euv=1.4830e+003 uW/cm2

CIE-x= 0.3340

CIE-y= 0.1278

CIE-u'=0.3456

CIE-v'=0.2975

CCT=100000 K

Lp=633.0 nm

HW=22.0 nm

Ld=-554.3000 nm

Pur=62.2 %

RedRatio(%)=72.8

GreenRatio(%)=16.1

BlueRatio(%)=11.1

DUV=-0.1783

S/P=3.08

Ra=-94.9027

R1=-139.8926

R2=-127.8022

R3=-51.5733

R4=-44.7804

R5=-129.7485

R6=-133.0154

R7=24

R8=-156.8168

R9=-588.9778

R10=-373.2005

R11=-79.2399

R12=-186.9729

R13=-162.5957

R14=35

R15=-238.2217

SDCM=138.6(F2500)

White Class:OUT

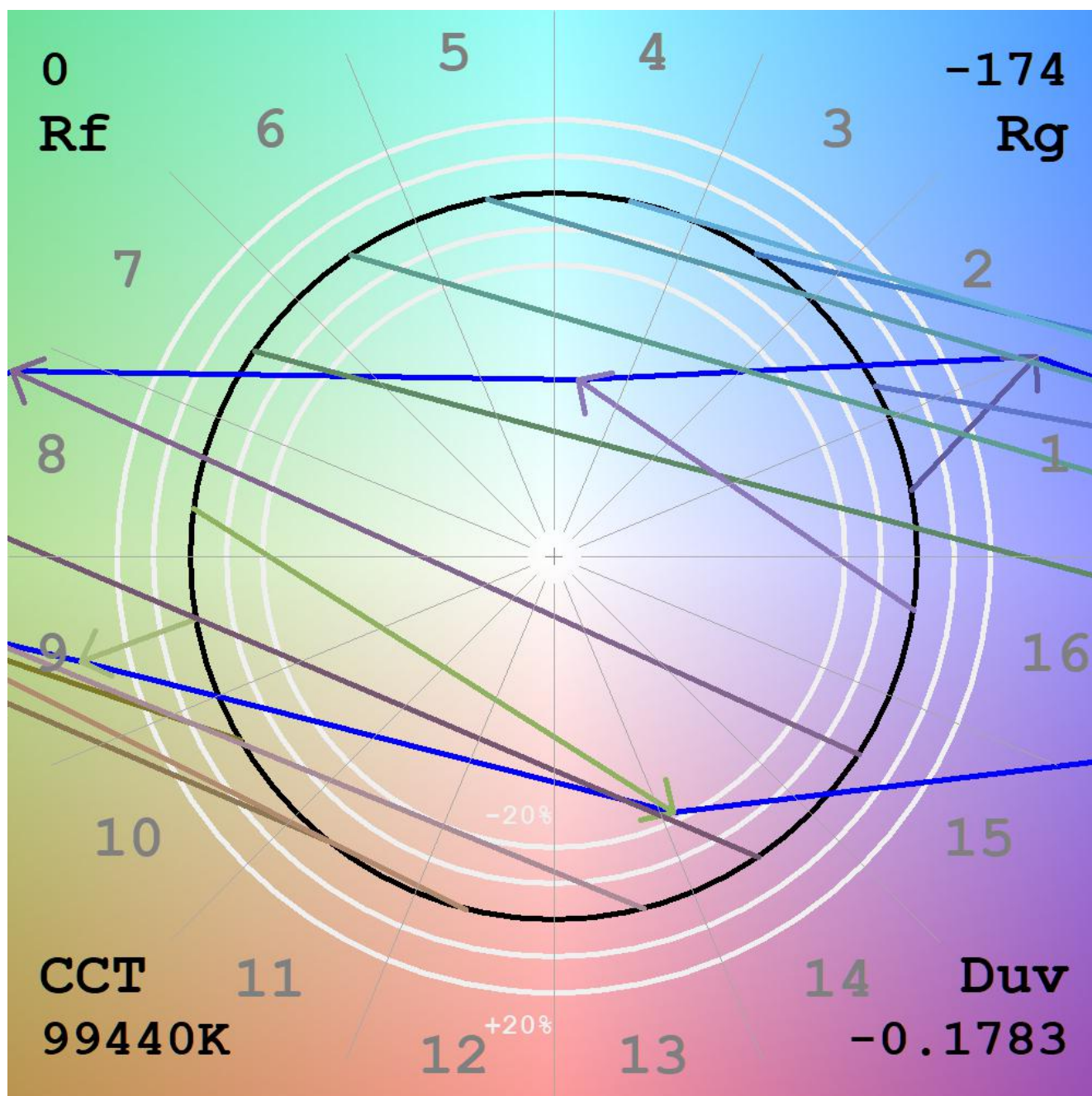
Eb=6.51182 (W/m2)

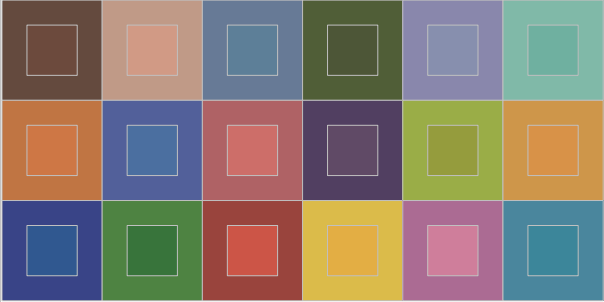
Ey=0.51275 (W/m2)

Er=7.54105 (W/m2)

PPFDf=1.30043 (μmol·m-2·s-1) PPFD=66.80329 (μmol·m-2·s-1) Erb_Ratio=1.15806

IES TM-30-18 Color Rendition Report



Colour Patches						Colourist's Advice Report			
						Sector	Lightness	Chroma	Hue
						R	-18	-7	-4
						R/Y	-2	-4	5
						Y	4	-1	13
						Y/G	7	3	4
						G	11	1	-4
						G/C	7	-1	-1
						C	4	-2	1
						C/B	-6	3	13
						B	-4	4	8
						B/M	-6	4	2
						M	-8	4	-5
						M/R	-17	-1	-11

