

PLA-30 Test Report

Sample Info

Name:LED plant light

Model:MK-ZW225-30W

ManuFactory:EVERFINE

Tester:HE

Humidity:65 %RH

Remark:High:30CM

SN:001

Date:2021-01-09 15:52

Temperature:25.3 Deg

State:OK

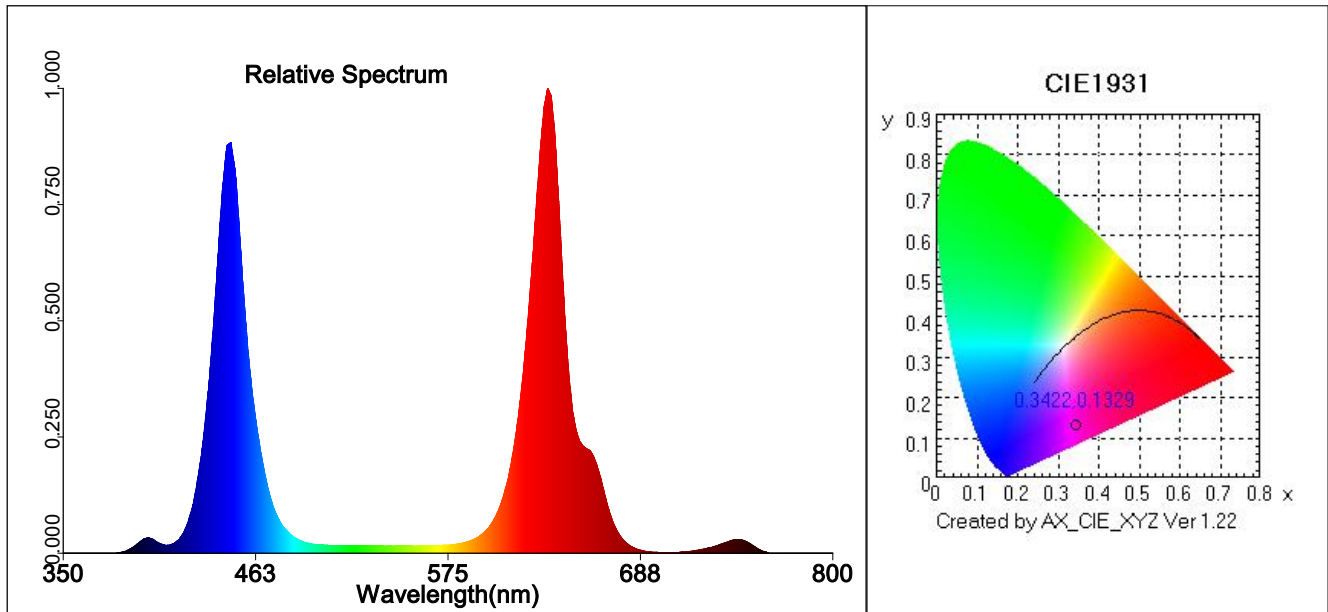
Meter State

Test Meter: PLA

integrating Time: 0.8954 ms

PeakAD Ip: 41020.4

Average times: 3



Test Params

E= 4.9399e+003 lx

E(fc)=459.094 fc

Euv=4.2237e+003 uW/cm2

CIE-x= 0.3422

CIE-y= 0.1329

CIE-u'=0.3500

CIE-v'=0.3058

CCT=100000 K

Lp=633.0 nm

HW=21.9 nm

Ld=-552.3000 nm

Pur=58.3 %

RedRatio(%)=73.2

GreenRatio(%)=16.4

BlueRatio(%)=10.4

DUV=-0.1804

S/P=2.91

Ra=-88.9414

R1=-135.2541

R2=-116.6044

R3=-33.8408

R4=-48.6224

R5=-125.7914

R6=-121.1045

R7=29

R8=-159.5898

R9=-581.5262

R10=-346.9950

R11=-82.8926

R12=-167.6628

R13=-154.2617

R14=42

R15=-232.6670

SDCM=135.8(F2500)

White Class:OUT

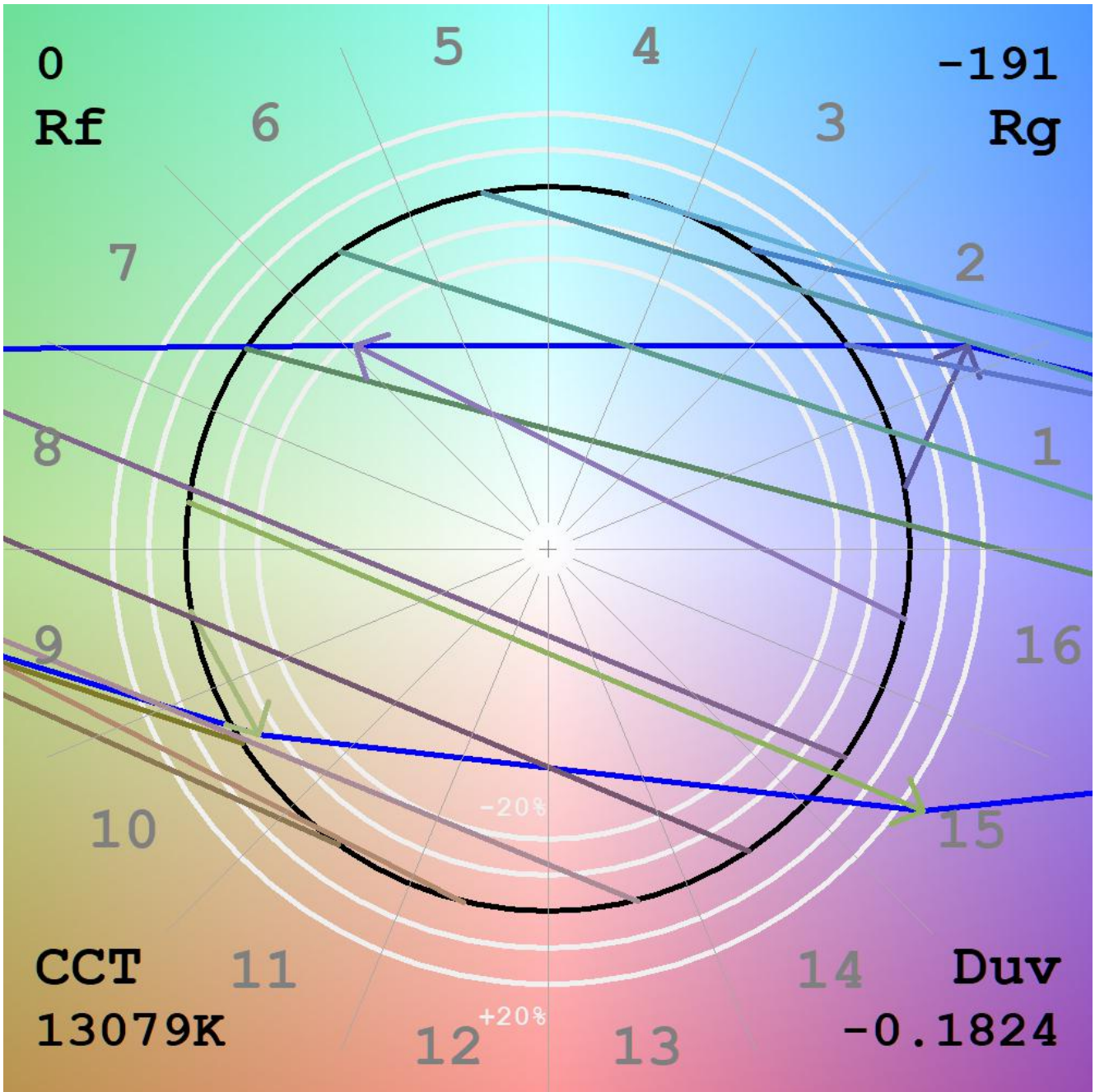
Eb=17.81157 (W/m2)

Ey=1.51886 (W/m2)

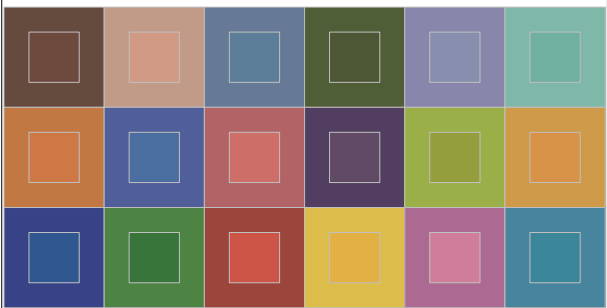
Er=22.11874 (W/m2)

PPFDf=3.59628 (μmol·m-2·s-1) PPFD=191.18913 (μmol·m-2·s-1) Erb_Ratio=1.24182

IES TM-30-18 Color Rendition Report



Colour Patches



Colourist's Advice Report

Sector	Lightness	Chroma	Hue
R	-17	-7	-4
R/Y	-2	-4	5
Y	4	-1	12
Y/G	7	3	3
G	11	0	-3
G/C	7	-1	0
C	3	-2	3
C/B	-7	3	13
B	-4	4	7
B/M	-6	3	1
M	-8	3	-4
M/R	-17	-1	-11

