

PLA-30 Test Report

Sample Info

Name:LED grow light

Model:MK-QB252-100W

ManuFactory:EVERFINE

Tester:HE

Humidity:65 %RH

Remark:High:60CM

SN:001

Date:2021-01-19 10:19

Temperature:25.3 Deg

State:OK

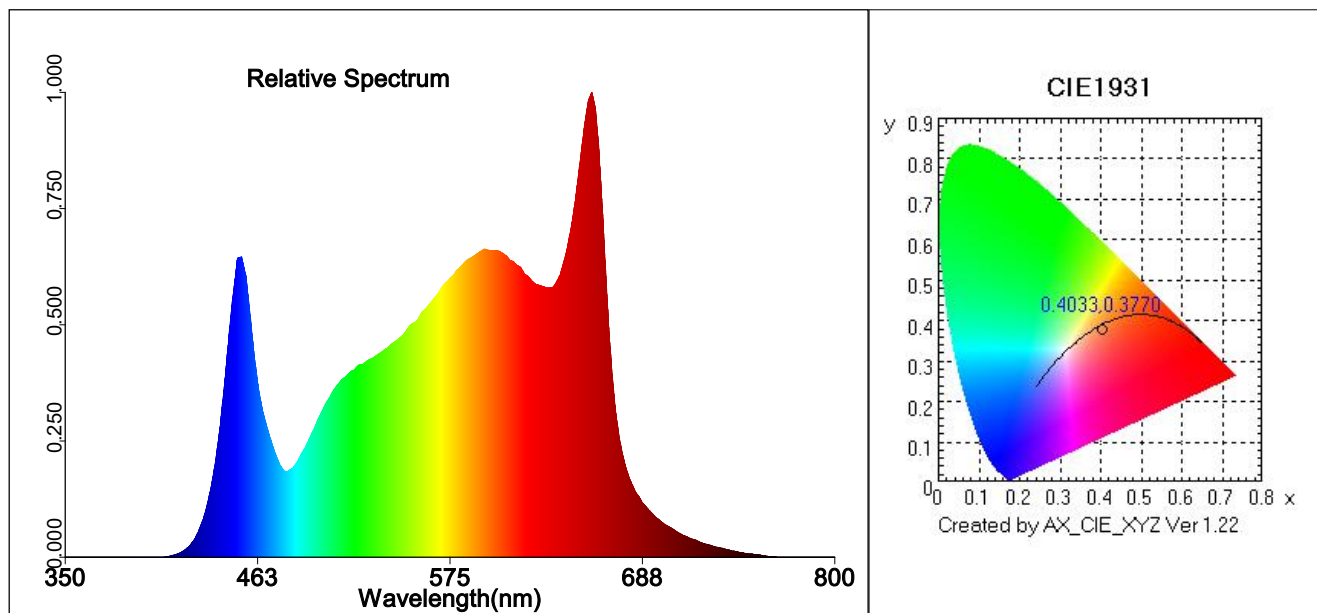
Meter State

Test Meter: PLA

integrating Time: 1.9 ms

PeakAD Ip: 41531.6

Average times: 3



Test Params

E= 1.4657e+004 lx

E(fc)=1362.13 fc

Euv=4.9220e+003 uW/cm2

CIE-x= 0.4033

CIE-y= 0.3770

CIE-u'=0.2401

CIE-v'=0.5051

CCT=3428 K

Lp=658.0 nm

HW=115.8 nm

Ld=583.9 nm

Pur=34.2 %

RedRatio(%)=21.7

GreenRatio(%)=74.8

BlueRatio(%)=3.5

DUV=-0.0057

S/P=1.60

Ra=93.0

R1=93

R2=96

R3=97

R4=92

R5=93

R6=93

R7=93

R8=87

R9=73

R10=91

R11=92

R12=78

R13=94

R14=98

R15=93

SDCM=47.3(F2500)

White Class:C78.377_3500K

Eb=8.72308 (W/m2)

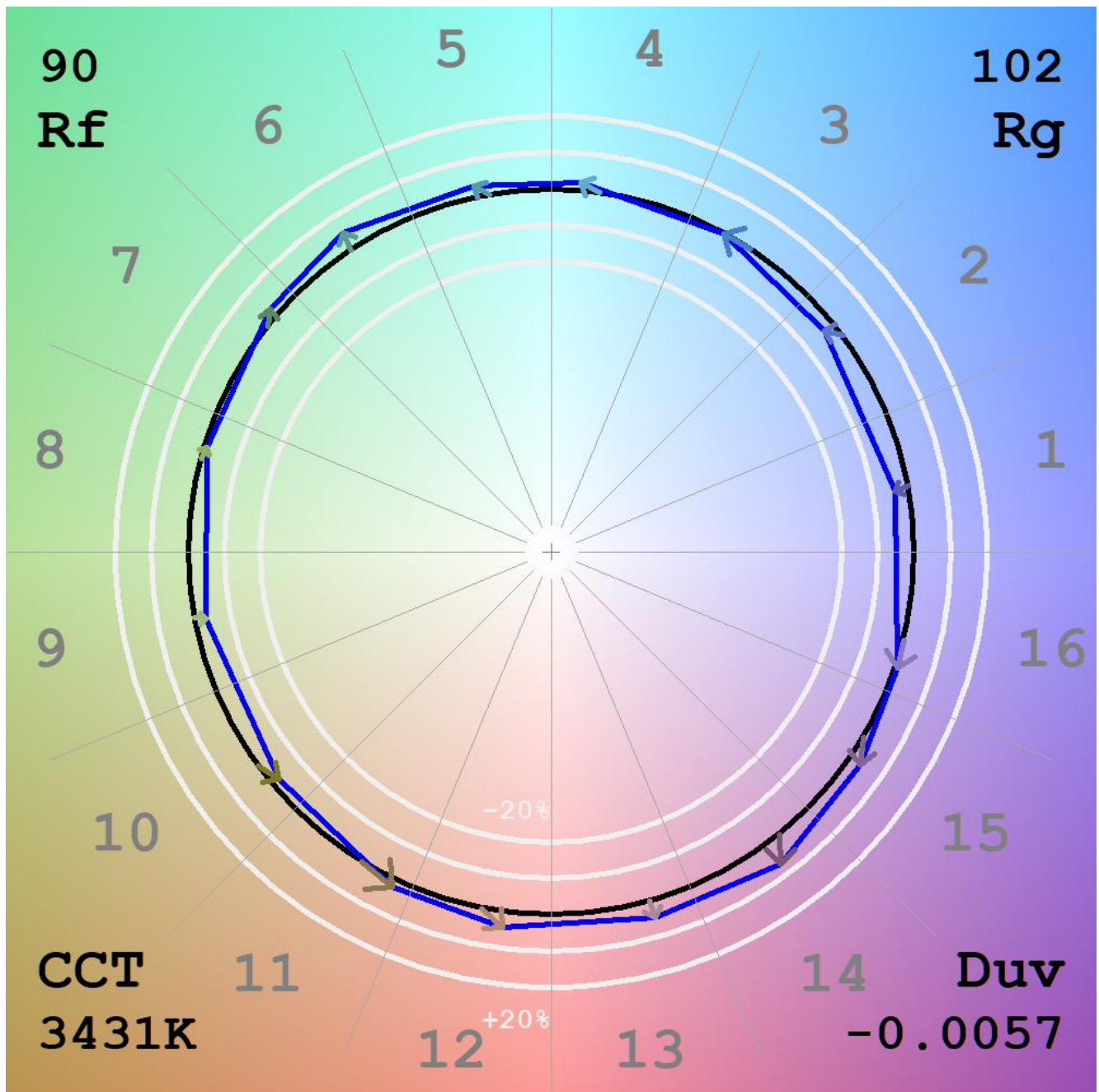
Ey=19.53447 (W/m2)

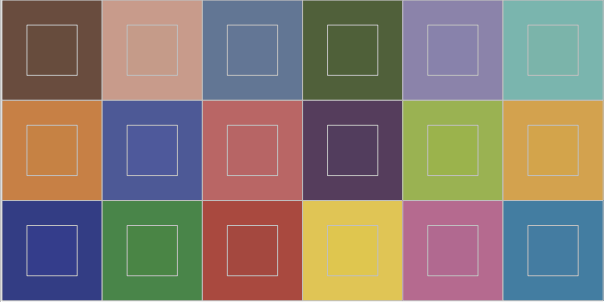
Er=20.36686 (W/m2)

PPFDf=3.82227 ($\mu\text{mol} \cdot \text{m}^{-2} \cdot \text{s}^{-1}$) PPFD=233.23116 ($\mu\text{mol} \cdot \text{m}^{-2} \cdot \text{s}^{-1}$)

Irrb_Ratio=2.33483

IES TM-30-18 Color Rendition Report



Colour Patches						Colourist's Advice Report			
						Sector	Lightness	Chroma	Hue
						R	1	1	0
						R/Y	0	0	-2
						Y	0	-1	-2
						Y/G	0	-1	0
						G	0	-1	1
						G/C	0	0	2
						C	1	0	2
						C/B	1	0	-1
						B	0	-2	-2
						B/M	1	-1	2
						M	1	0	2
						M/R	1	0	2

