

# PLA-30 Test Report

## Sample Info

Name:LED grow light

Model:MK-QB504-200W

ManuFactory:EVERFINE

Tester:HE

Humidity:65 %RH

Remark:High:45CM

SN:001

Date:2021-01-19 11:07

Temperature:25.3 Deg

State:OK

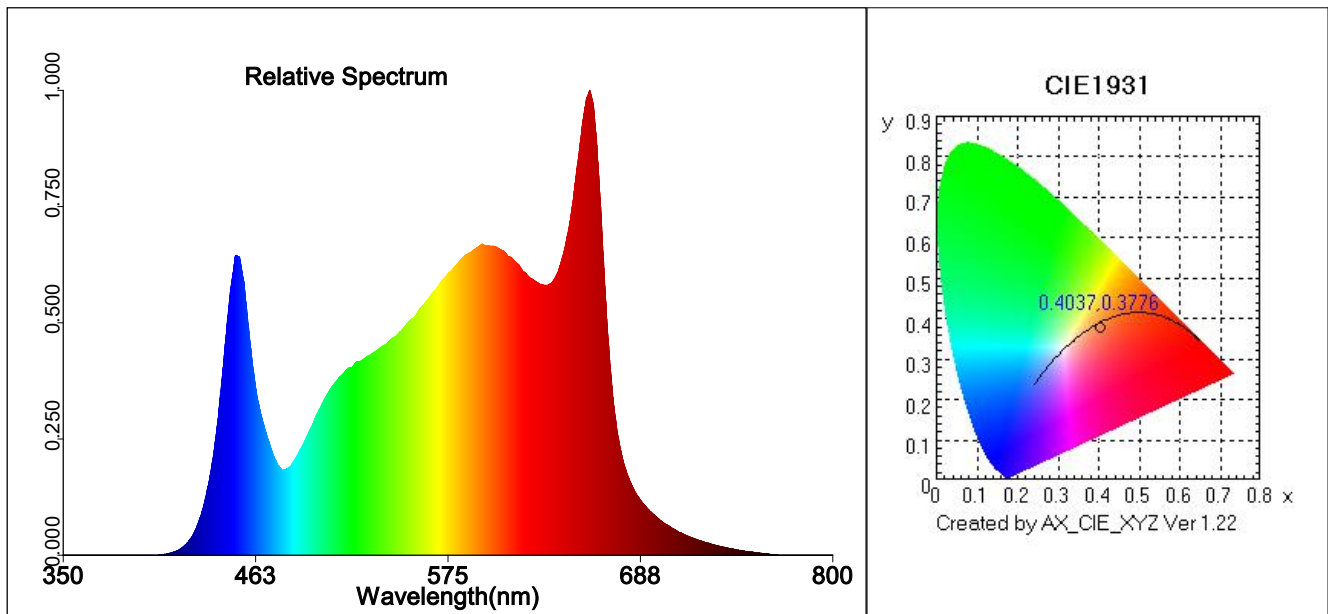
## Meter State

Test Meter: PLA

integrating Time: 0.7208 ms

PeakAD Ip: 42884.7

Average times: 3



## Test Params

E= 4.0172e+004 lx

E(fc)=3733.5 fc

Euv=1.3482e+004 uW/cm2

CIE-x= 0.4037

CIE-y= 0.3776

CIE-u'=0.2401

CIE-v'=0.5054

CCT=3425 K

Lp=658.0 nm

HW=116.5 nm

Ld=583.8 nm

Pur=34.5 %

RedRatio(%)=21.7

GreenRatio(%)=74.9

BlueRatio(%)=3.5

DUV=-0.0055

S/P=1.60

Ra=92.8

R1=93

R2=96

R3=97

R4=92

R5=93

R6=93

R7=93

R8=87

R9=72

R10=91

R11=92

R12=78

R13=94

R14=98

R15=92

SDCM=47.1(F2500)

White Class:C78.377\_3500K

Eb=23.78886 (W/m2)

Ey=53.59353 (W/m2)

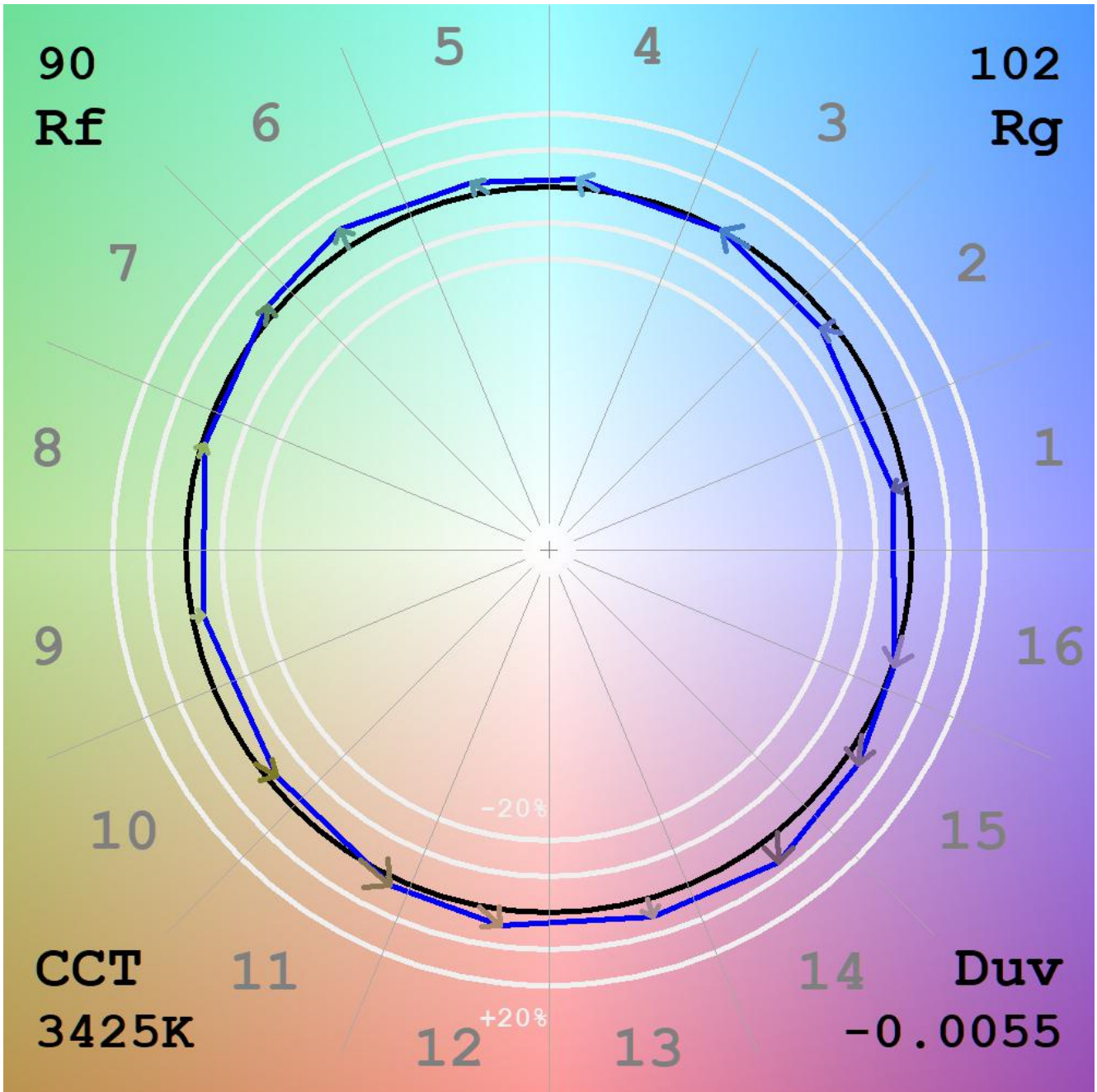
Er=55.78378 (W/m2)

PPFDf=10.55066 (μmol·m<sup>-2</sup>·s<sup>-1</sup>)


PPFD=638.81079 (μmol·m<sup>-2</sup>·s<sup>-1</sup>)

Er\_B\_Ratio=2.34495

### IES TM-30-18 Color Rendition Report



**Colour Patches**



**Colourist's Advice Report**

Sector	Lightness	Chroma	Hue
R	2	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	3
M/R	1	0	2

