

PLA-30 Test Report

Sample Info

Name:LED grow light

Model:MK-QB1008-400W (量子板)

ManuFactory:EVERFINE

Tester:HE

Humidity:65 %RH

Remark:High:45CM

SN:001

Date:2021-03-18 10:34

Temperature:25.3 Deg

State:OK

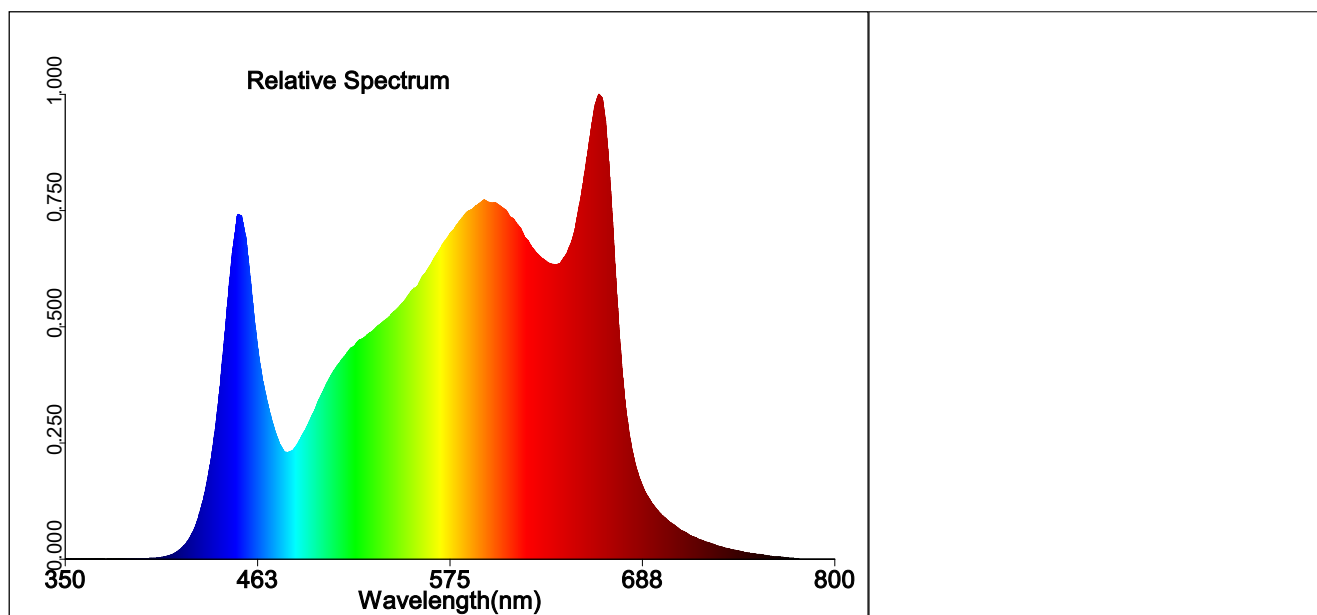
Meter State

Test Meter: PLA

integrating Time: 0.4066 ms

PeakAD Ip: 41912.9

Average times: 3



Test Params

E= 8.1913e+004 lx

E(fc)=7612.76 fc

Euv=2.7897e+004 uW/cm2

CIE-x= 0.3976

CIE-y= 0.3724

CIE-u'=0.2383

CIE-v'=0.5022

CCT=3521 K

Lp=662.0 nm

HW=141.3 nm

Ld=584.2 nm

Pur=31.1 %

RedRatio(%)=21.2

GreenRatio(%)=75.2

BlueRatio(%)=3.6

DUV=-0.0065

S/P=1.63

Ra=91.3

R1=91

R2=96

R3=97

R4=90

R5=91

R6=92

R7=91

R8=83

R9=63

R10=90

R11=90

R12=78

R13=93

R14=98

R15=90

SDCM=50.5(F2500)

White Class:OUT

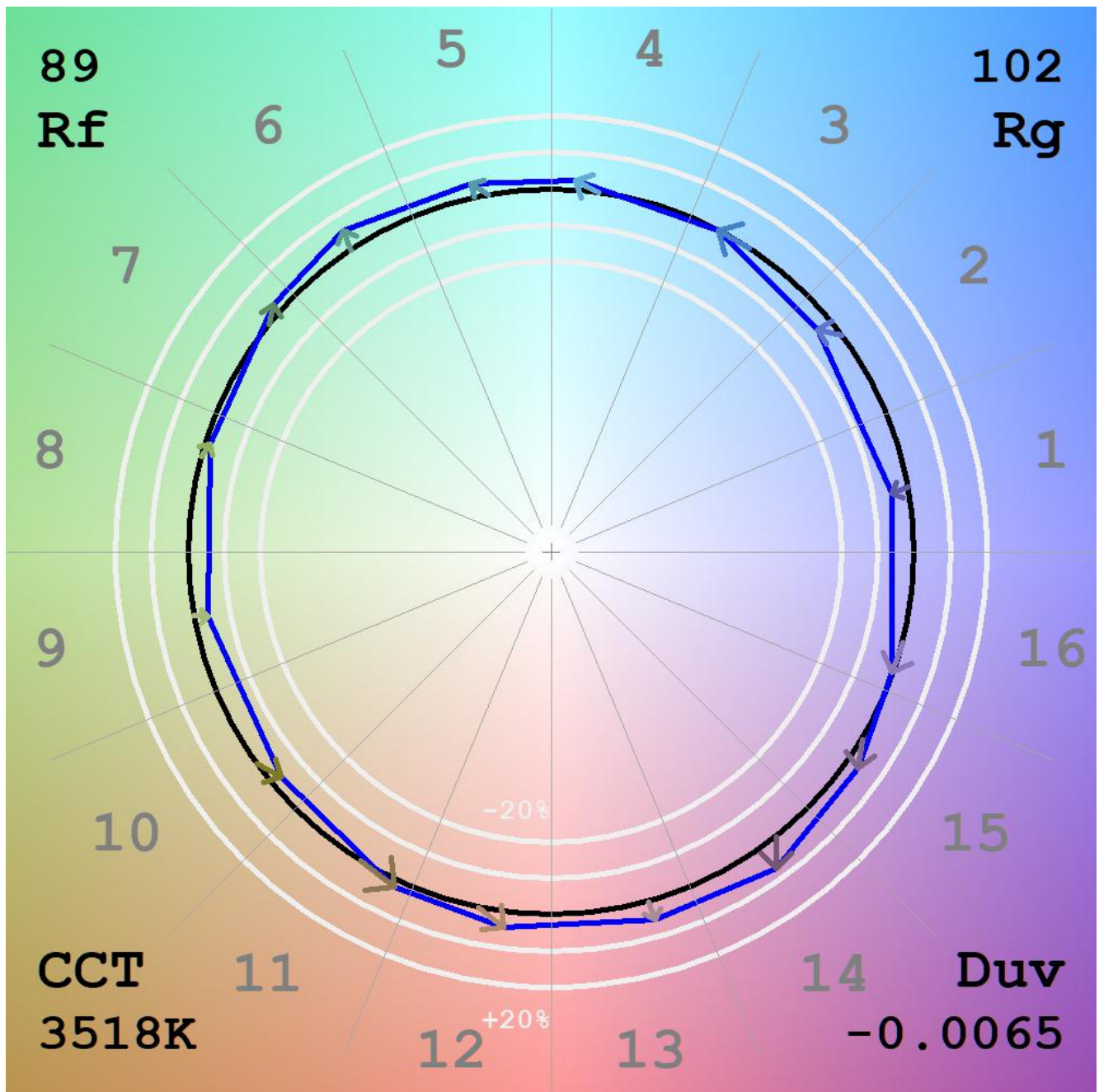
Eb=51.91325 (W/m2)

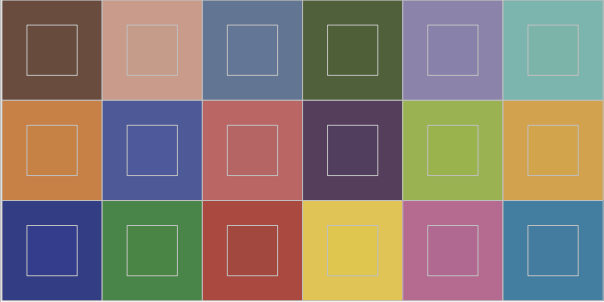
Ey=109.66842 (W/m2)

Er=113.28162 (W/m2)

PPFDf=24.86101 (μmol·m-2·s-1) PPFD=1316.22510 (μmol·m-2·s-1) Ep_Ratio=2.18213

IES TM-30-18 Color Rendition Report



Colour Patches		Colourist's Advice Report																																																					
		<table><tr><th>Sector</th><th>Lightness</th><th>Chroma</th><th>Hue</th></tr><tr><td>R</td><td>2</td><td>1</td><td>0</td></tr><tr><td>R/Y</td><td>0</td><td>0</td><td>-2</td></tr><tr><td>Y</td><td>0</td><td>-1</td><td>-2</td></tr><tr><td>Y/G</td><td>0</td><td>-1</td><td>0</td></tr><tr><td>G</td><td>0</td><td>-1</td><td>2</td></tr><tr><td>G/C</td><td>0</td><td>0</td><td>2</td></tr><tr><td>C</td><td>1</td><td>0</td><td>2</td></tr><tr><td>C/B</td><td>1</td><td>0</td><td>-2</td></tr><tr><td>B</td><td>0</td><td>-2</td><td>-2</td></tr><tr><td>B/M</td><td>1</td><td>-1</td><td>1</td></tr><tr><td>M</td><td>1</td><td>-1</td><td>3</td></tr><tr><td>M/R</td><td>2</td><td>0</td><td>3</td></tr></table>		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	2	G/C	0	0	2	C	1	0	2	C/B	1	0	-2	B	0	-2	-2	B/M	1	-1	1	M	1	-1	3	M/R	2	0	3
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