

PLA-30 TEST REPORT

Sample Information:

Sample name: 100W Air-cooled timed
plant supplement light

Sample No: 01

Date: 2024-11-27

Temperature: 22°C

Note: 50cm below

SAMPLE MODEL: MDA-FL01-DS-100W

Manufacturer: -

Tester: zhou

Humidity: 50 %RH

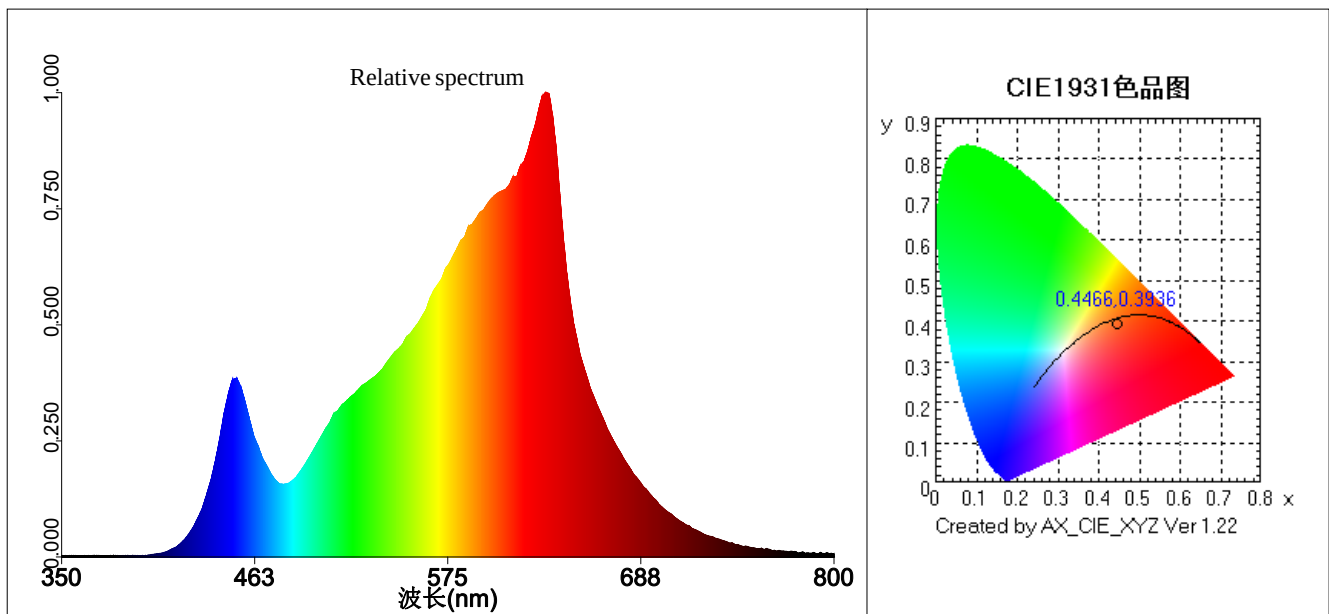
Instrument status:

Measuring instrumen: PLA

积分时间: 2.0 ms

PEAK AD Ip: 38965.8

Average number of times: 1



Measurement parameters:

Illuminance E = 2.1078e+004 lx

IlluminanceE(fc)=1958.95 fc

Irradiance Ee=0.0000e+000 W/m2

CIE-x= 0.4466

CCT=2758 K

Pur=52.2 %

DUV=-0.0053

CIE-y= 0.3936

Lp=632.0 nm

RedRatio(%)=25.9

S/P=1.32

CIE-u'=0.2615

HW=91.4 nm

GreenRatio(%)=71.5

CIE-v'=0.5186

Ld=585.9 nm

BlueRatio(%)=2.6

Ra=89.3

R4=88

R8=72

R12=88

R1=90

R5=91

R9=42

R13=92

R2=96

R6=95

R10=91

R14=99

R3=96

R7=85

R11=89

R15=85

SDCM= 4.6(2700K/ELR)

White light level: C78.377_2700K

Eb=0.00000 (W/m2)

Ep=58.12762 (W/m2)

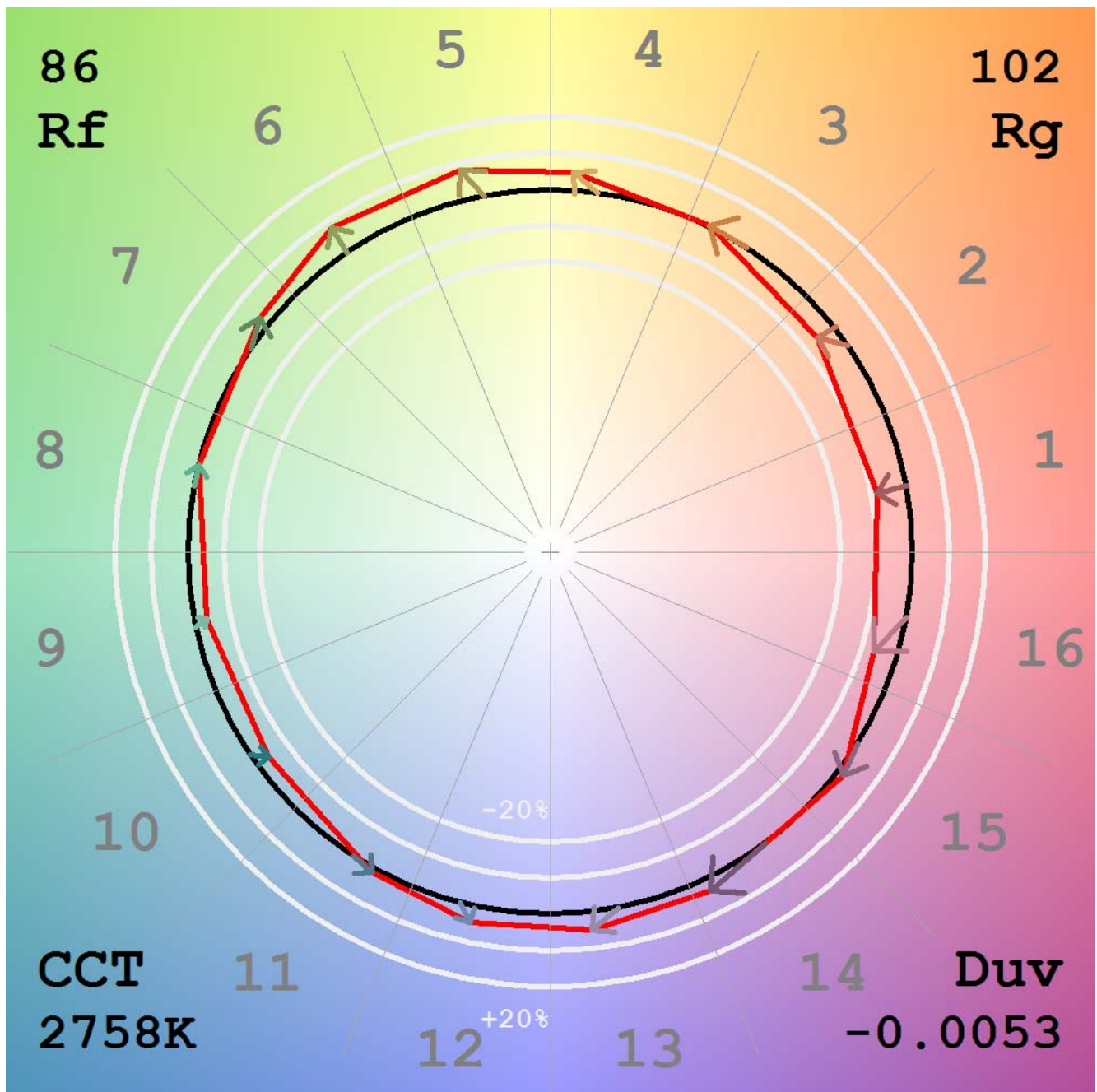
Ey=26.75485 (W/m2)

PPFD=312.14465 (μmol·m-2·s-1)

Er=28.77828 (W/m2)

Erb_Ratio=3.18053

IES TM-30-18 Color Rendition Report



Colour Patches						Colourist's Advice Report			
						Sector	Lightness	Chroma	Hue
						R	2	0	1
						R/Y	2	0	3
						Y	3	1	5
						Y/G	1	0	2
						G	0	0	1
						G/C	-1	-1	2
						C	-2	-2	3
						C/B	-5	2	8
						B	-2	2	3
						B/M	-3	2	0
						M	-1	0	-1
						M/R	0	1	1

