

## Spectrum Test Report

Sample : Clorofilla 80  
 Specification :  
 Sample No. : 11  
 Manufacturer :

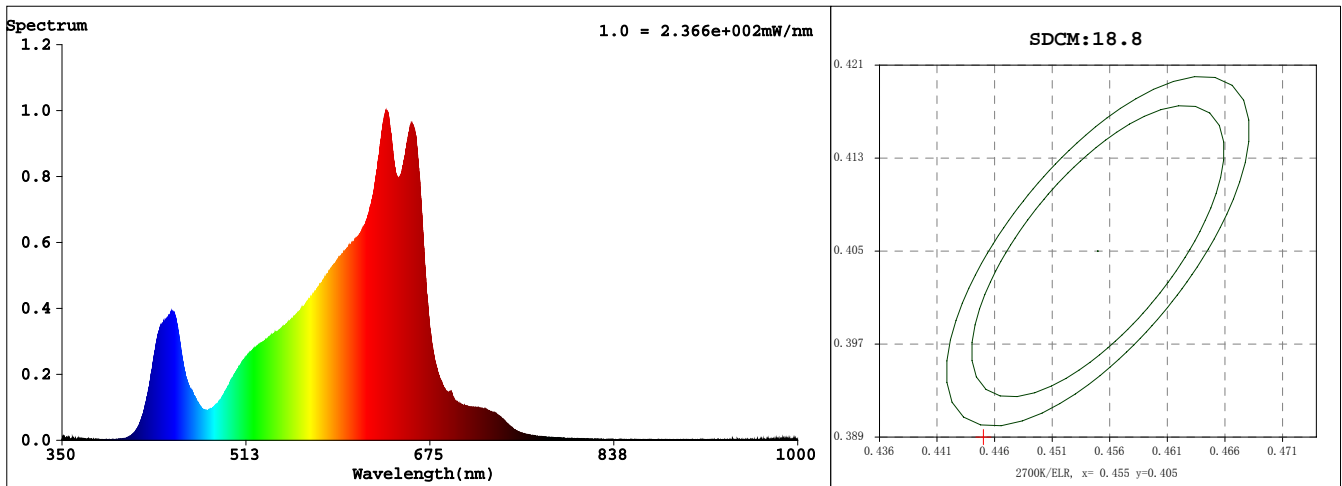
Date : 2020-01-08 17:11:00  
 Sam. Status :  
 Instrument : HAAS-2000(EVERFINE)  
 Test by : Alan  
 Assessor : damin

### Test Condition

Temperature : 25.3Deg  
 WL Range : 350nm-1000nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 52059 (79%)  
 T : 312 ms  
 Sensitivity : Low

### Spectrum



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4451$   $y = 0.3638$  /  $u' = 0.2749$   $v' = 0.5056$  ( $duv = -1.72e-02$ )

CCT= 2523K Prcp WL:  $L_d = 593.5nm$  Purity=42.7%

Peak WL:  $L_p = 636nm$  FWHM: =87.6nm Ratio:R=29.4% G=68.2% B=2.4%

Render Index:  $R_a = 93.3$  TM30:Rf=78 Rg=116

R1 =95 R2 =95 R3 =95 R4 =90 R5 =93 R6 =92 R7 =92

R8 =94 R9 =89 R10=92 R11=87 R12=86 R13=94 R14=96 R15=92

LEVEL:OUT WHITE:OUT

### Photometric & Radiometric Parameters

Flux = 7278.1 lm Eff. : 89.91 lm/W  $F_e = 28.464 W$

Photons1:2.366e-002 umol/s(380~400nm) Photons2:1.403e+002 umol/s(380~780nm)

PPF:133.81umol/s PPF Efficiency:1.65306gumol/s/W PRF WATT:27230mW(400-700nm)

### Electrical parameters

V = 220.1 V I = 0.3715 A P = 80.95 W PF = 0.9899 F=50.01 Hz