

## Spectrum Test Report

Sample :  
 Specification : DE CMH1000W 3000K  
 Sample No. : 01  
 Manufacturer :

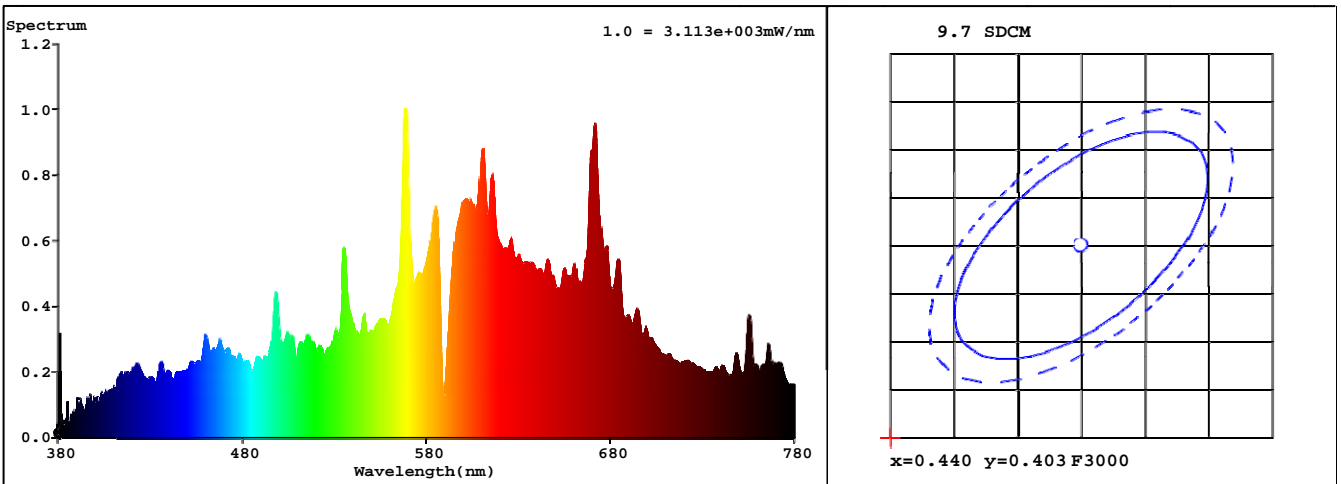
Date : 2017-04-21 11:42:49  
 Sam. Status :  
 Instrument : HaasSuite(EVERFINE)  
 Test by : ZENGMINGLI  
 Assessor : damin

### Test Condition

Temperature : 25.3Deg  
 WL Range : 380nm-780nm  
 Test Mode : Fast Test

RH : 65.0%  
 IP : 52612 (80%)  
 T : 367 ms  
 Sensitivity : High

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4241$   $y = 0.3814$  /  $u' = 0.2521$   $v' = 0.5101$  ( $duv = -7.56e-03$ )  
 CCT= 3034K Prcp WL:  $L_d = 586.0nm$  Purity=41.7%  
 Peak WL:  $L_p = 569nm$  FWHM: =6.2nm Ratio: R=25.8% G=70.3% B=3.9%

Render Index:  $R_a = 92.2$

R1 =95 R2 =98 R3 =92 R4 =92 R5 =96 R6 =95 R7 =89  
 R8 =80 R9 =60 R10=96 R11=92 R12=90 R13=96 R14=96 R15=93  
 LEVEL:OUT WHITE:ANSI\_3500K

### Photometric & Radiometric Parameters

Flux = 99626 lm Eff. : 98.64 lm/W  $F_e = 424.59 W$   
 Flux of emitted photons( $\mu mol/s$ ):2122.7 Fluo. and blue light ratio:1001 Fluorescent eff.:409.9  
 Photosynthetic:PPF:1765 $\mu mol/s$  PAR WATT:3.6414e+005mW(400-700nm)

### Electrical parameters

$V = 206.5 V$   $I = 5.012 A$   $P = 1010 W$  PF = 0.9759