

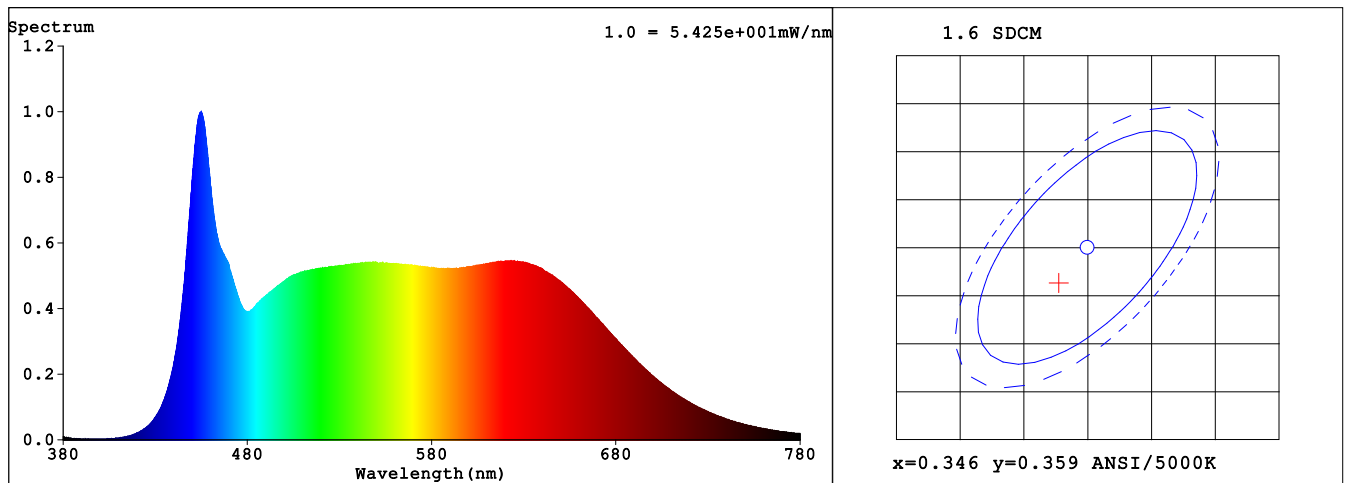
Spectrum Test Report

Sample :	Date : 2018-09-25 20:34:36
Specification : T8 A+B 18W Ra95 5000K	Standardtus :
Sample No. : T8 A+B 18W Ra95 5000K	Instrument : HaasSuite(EVERFINE)
Manufacturer :	Test by : LH
Assessor : damin	
Remark :	

Test Condition

Temperature : 25.3Deg	RH : 65.0%
WL Range : 380nm-780nm	IP : 50897 (78%)
Test Mode : Accuracy Test	T : 530 ms
Sensitivity : Low	

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3438$ $y = 0.3553$ / $u' = 0.2091$ $v' = 0.4863$ ($duv=2.39e-03$) $Dx, Dy: 0.0004, 0.0051$

CCT= 5064K Prcp WL: $L_d=569.4nm$ Purity=9.8%

Peak WL: $L_p=455nm$ FWHM: =25.6nm Ratio:R=17.6% G=76.3% B=6.1%

Render Index: $R_a = 96.3$

R1 =98	R2 =99	R3 =99	R4 =95	R5 =96	R6 =96	R7 =94
R8 =93	R9 =91	R10=99	R11=98	R12=75	R13=99	R14=100 R15=96

Photometric & Radiometric Parameters

Flux = 2074.5 lm Eff. : 112.93 lm/W $F_e = 7.4525 W$

Flux of emitted photons($\mu mol/s$):35.185 Flu. and blue light ratio:4.210 Fluorescent eff.:323.1

Photons1:7.395e+000 $\mu mol/s(400\sim 500nm)$ Photons2:1.265e+001 $\mu mol/s(600\sim 700nm)$

Electrical parameters

$V = 120.10 V$ $I = 0.1552 A$ $P = 18.37 W$ PF = 0.9853 F=59.98 Hz