

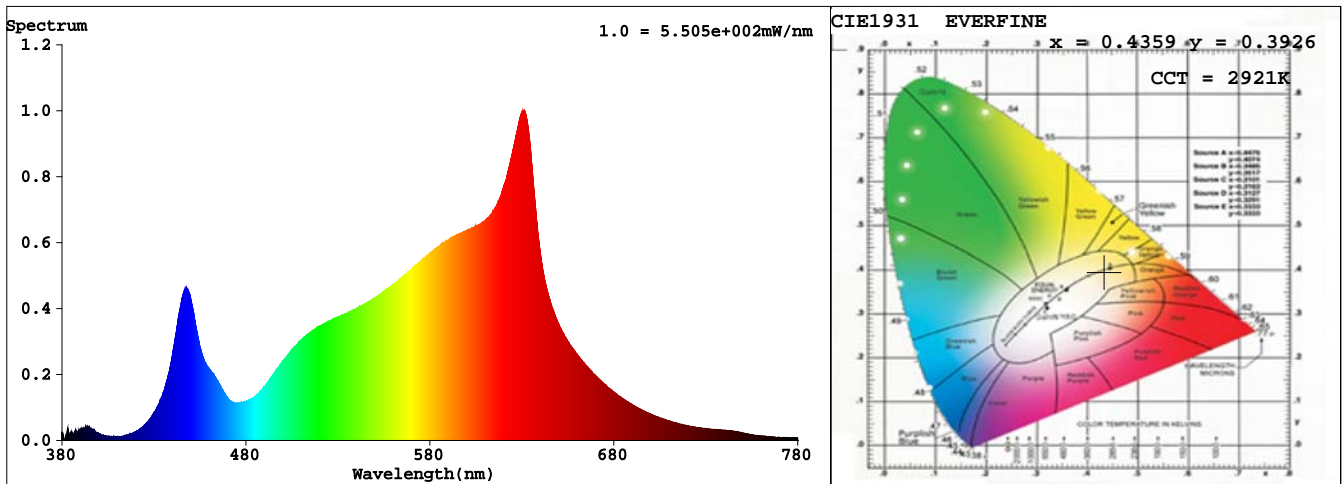
Spectrum Test Report

Sample	:	Date	:	2019-06-21 14:59:42
Specification	:	Standardtus	:	
Sample No.	:	Instrument	:	HaasSuite(EVERFINE)
Manufacturer	:	Test by	:	DAMIN
Assessor	:			
Remark	:			

Test Condition

Temperature	:	25.3Deg	RH	:	65.0%
WL Range	:	380nm-780nm	IP	:	48032 (73%)
Test Mode	:	Fast Test	T	:	28 ms
Sensitivity	:	Low			

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4359$ $y = 0.3926$ / $u' = 0.2549$ $v' = 0.5166$ ($duv = -4.49e-03$) $Dx, Dy: -0.0067, -0.0134$

CCT= 2921K Prcp WL: $L_d = 584.9nm$ Purity=48.7%

Peak WL: $L_p = 631nm$ FWHM: =76.1nm Ratio:R=25.0% G=72.5% B=2.5%

Render Index: $R_a = 90.8$ $AvgR = 87.9$ TM30:Rf=85 Rg=103

R1 =92 R2 =95 R3 =96 R4 =91 R5 =92 R6 =95 R7 =88

R8 =77 R9 =50 R10=88 R11=92 R12=85 R13=93 R14=97 R15=87

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 19090 lm Eff. : 214.20 lm/W $F_e = 59.151 W$

Flux of emitted photons($\mu mol/s$):285.08 Fluo. and blue light ratio:7.871 Fluorescent eff.:554.0

Photons1:3.279e+001 $\mu mol/s$ (400~500nm) Photons2:1.289e+002 $\mu mol/s$ (600~700nm)

Photosynthetic:PPF(400-700nm):275.7 $\mu mol/s$ PRF(400-700nm):57469mW

Eff(PPF) (400-700nm):3.09 $\mu mol/s/W$

Electrical parameters

V = 222.03 V I = 0.4267 A P = 89.12 W PF = 0.9406 F=59.99 Hz