

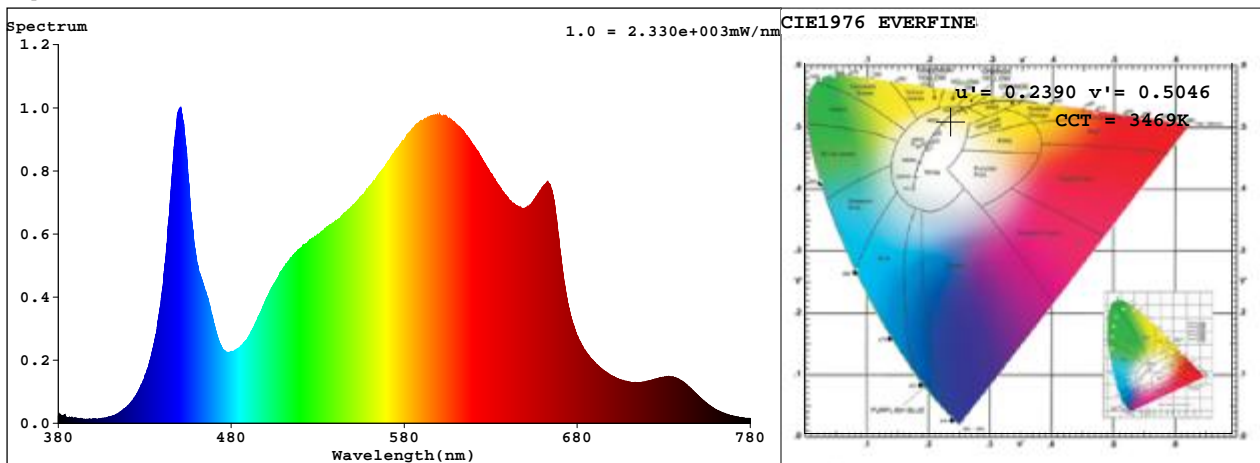
Spectrum Test Report

Sample :	Date : 2021-03-31 17:40:11
Specification : Folding grow light 640W	Sam. Status :
Sample No. : 10	Standard :
Manufacturer : EVERFINE	Instrument : HaasSuite(EVERFINE)
Assessor : damin	
Remark :	Test by : WEI

Test Condition¹

Temperature : 25.3Deg	RH : 55.0%
WL Range : 380nm-780nm	IP : 52741 (80%)
Test Mode : Fast Test	T : 38 ms

Spectrum : Low



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4013$ $y = 0.3766$ / $u' = 0.2390$ $v' = 0.5046$ ($duv = -5.47e-03$)

CCT= 3469K Prcp WL: Ld=583.7nm Purity=33.4%

Peak WL: Lp=451nm FWHM: =18.9nm Ratio:R=21.0% G=75.8% B=3.2%

Render Index: Ra = 86.5

EEL: 0.08025 A++ Highest

R1 =86 R2 =92 R3 =96 R4 =85 R5 =86 R6 =89 R7 =87

R8 =71 R9 =32 R10=82 R11=85 R12=72 R13=88 R14=98 R15=82

Photometric & Radiometric Parameters

Flux = 110054 lm Eff. : 169.75 lm/W Fe = 367.16 W

Photosynthetic:PPF(400-700nm):1836.5 μ mol/s PRF(400-700nm):3.8626e+005mW

Eff(PPF) (400-700nm):2.83 μ mol/s/W

Electrical parameters

V = 119.33 V I = 5.437 A P = 648.3 W PF = 0.9993 F=60.01 Hz

LIGHT ON TECHNOLOGY CO.,LTD

<http://www.shenzhen light on technology co.,ltd>