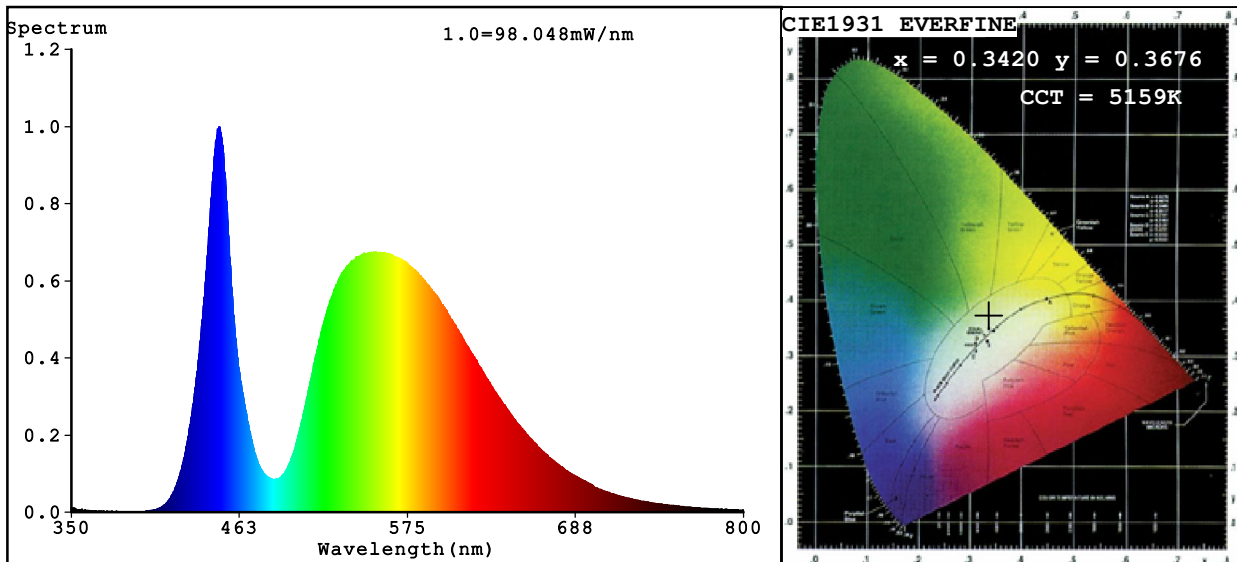


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3420$ $y=0.3676$ / $u'=0.2033$ $v'=0.4918$
 CCT=5159K (Duv=0.0091) Dominant WL:Ld =563.8nm Purity=13.0%
 Ratio:R=13.0% G=84.4% B=2.7%; Peak WL:Lp=449.2nm FWHM=21.4nm Render
 Index:Ra=70.75
 R1 =67 R2 =75 R3 =80 R4 =72 R5 =68 R6 =65 R7 =82
 R8 =57 R9 =0 R10=32 R11=63 R12=32 R13=64 R14=87 R15=58

Photo Parameters:

Flux = 4465 lm Eff. : 82.33 lm/W Fe = 11.08 W

Electrical parameters:

V = 220.06 V I = 0.2504 A P = 54.23 W PF = 0.9842

WHITE:OUT

Status: Integral T = 7 ms Ip = 53640 (82%)

Model:HELIS50_50W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:EVERFINE

Number:98HELIS50
 Date:2014-11-14 16:11
 Humidity:65.0%
 Remarks:1767-29-07-2014