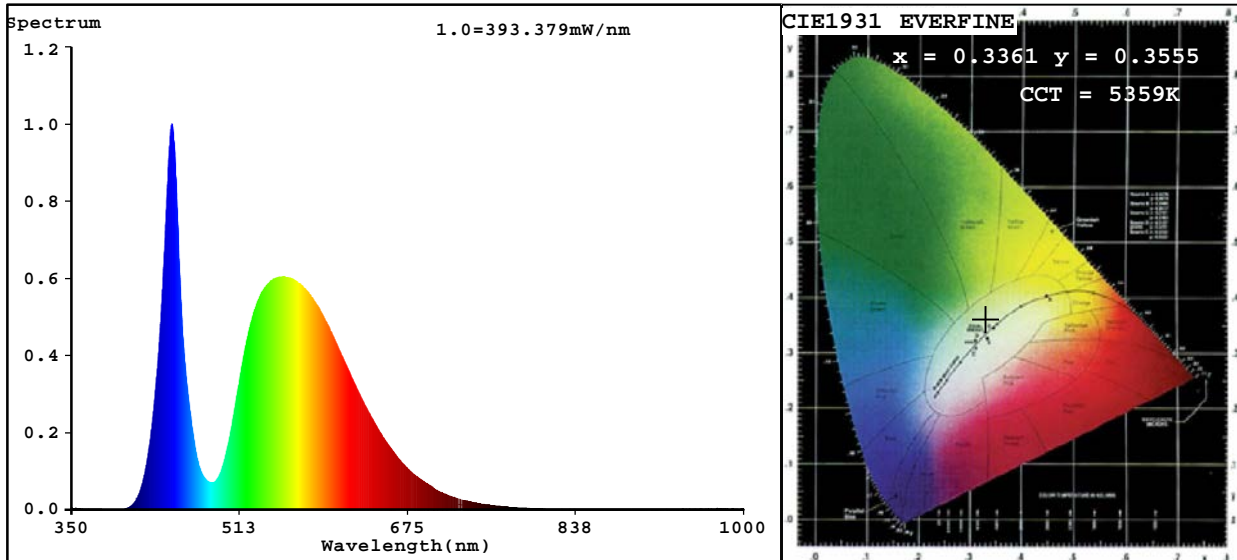


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: x=0.3361 y=0.3555/u'=0.2039 v'=0.4852
 CCT=5359K(Duv=0.0057) Dominant WL:Ld =559.6nm Purity=7.5%
 Ratio:R=12.9% G=84.4% B=2.7%; Peak WL:Lp=447.9nm FWHM=20.8nm
 Render Index:Ra=79.1
 R1 =76 R2 =83 R3 =87 R4 =80 R5 =77 R6 =73 R7 =90
 R8 =67 R9 =0 R10=41 R11=74 R12=43 R13=75 R14=96 R15=69

Photo Parameters:

Flux = 12095 lm Eff. : 78.69 lm/W Fe = 40.61 W

Electrical parameters:

V = 219.93 V I = 0.7067 A P = 153.7 W PF = 0.9888

WHITE:ANSI_5700K

Status: Integral T = 2 ms Ip = 43573 (66%)

Model:ELBA150_150W
 Tester:Petya Marinova
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:98ELBA150120
 Date:2015-03-09 10:47
 Humidity:65.0%
 Remarks:1767-29-07-2014