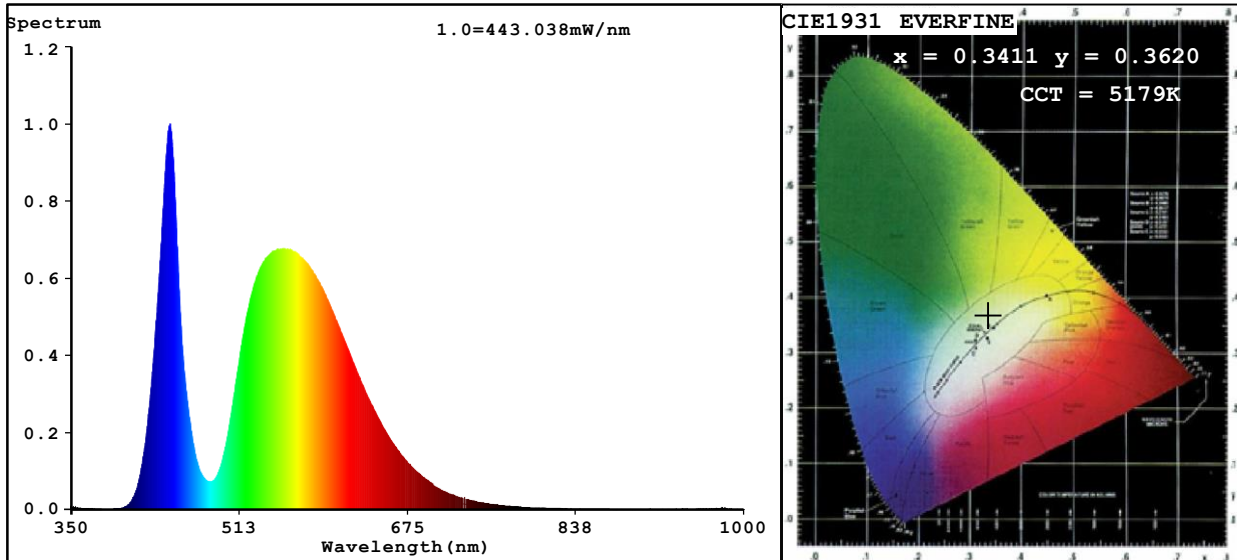


Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3411$ $y=0.3620$ $u'=0.2048$ $v'=0.4891$
 CCT=5179K (Duv=0.0067) Dominant WL:Ld =564.3nm Purity=11.0%
 Ratio:R=13.0% G=84.5% B=2.4% ; Peak WL:Lp=445.9nm FWHM=23.3nm
 Render Index:Ra=70.1
 R1 =67 R2 =74 R3 =78 R4 =72 R5 =68 R6 =64 R7 =81
 R8 =57 R9 =0 R10=28 R11=64 R12=34 R13=63 R14=85 R15=57

Photo Parameters:

Flux = 16308 lm Eff. : 80.86 lm/W Fe = 50.86 W

Electrical parameters:

V = 219.98 V I = 1.030 A P = 214.1 W PF = 0.9450

WHITE: ANSI_5000K

Status: Integral T = 2 ms Ip = 46527 (71%)

Model:ETNA200_ 200W
 Tester:Petya Marinova
 Temperature: 25.3Deg
 Manufacturer: ELMARK

Number:98ETNA200120
 Date:2015-03-17 13:54
 Humidity:65.0%
 Remarks: