

Spectrum Test Report

Sample : 303600005002002 R105-3030-20
 Specification : 500mA- 30.4V AQL 4000K
 Sample No. : LOT NO: LT_1559
 Manufacturer : AQL AYDINLATMA

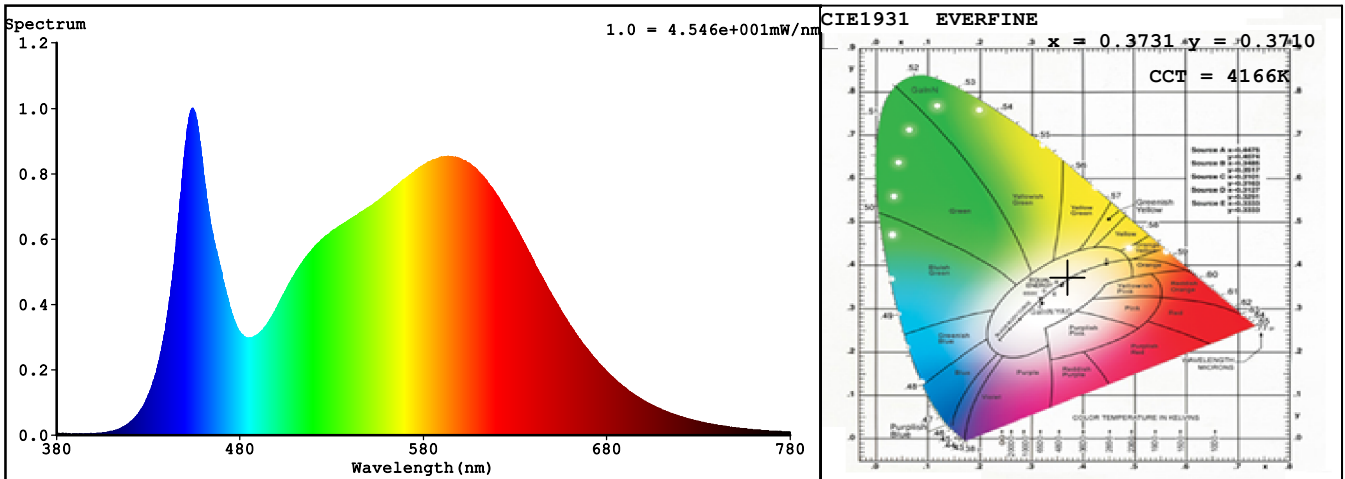
Date : 2017-02-23 04:49:40
 Sam. Status :
 Instrument : HaasSuite(EVERFINE)
 Test by : Adnan YILMAZ
 Assessor : damin

Test Condition

Temperature : 15Deg
 WL Range : 380nm-780nm
 Test Mode : Accuracy Test

RH : 65.0%
 IP : 49617 (76%)
 T : 188 ms
 Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3731$ $y = 0.3710$ / $u' = 0.2226$ $v' = 0.4979$ ($duv = -5.17e-04$)
 CCT= 4166K Prcp WL: $L_d = 578.7\text{nm}$ Purity=23.3%
 Peak WL: $L_p = 454\text{nm}$ FWHM: =26.3nm Ratio:R=18.0% G=78.0% B=4.0%

Render Index: $R_a = 83.8$

$R_1 = 83$ $R_2 = 91$ $R_3 = 95$ $R_4 = 81$ $R_5 = 82$ $R_6 = 86$ $R_7 = 86$
 $R_8 = 66$ $R_9 = 12$ $R_{10} = 77$ $R_{11} = 79$ $R_{12} = 61$ $R_{13} = 85$ $R_{14} = 98$ $R_{15} = 77$

Photometric & Radiometric Parameters

Flux = 2262.1 lm Eff. : 0.00 lm/W Fe = 6.9337 W

Electrical parameters

V = 0 V I = 0 A P = 0 W PF = 0 F = 0.00 Hz