

Spectrum Test Report

Sample :
Specification : L-PAR30-F2-9,8W-30K
Sample No. : 127V
Manufacturer :

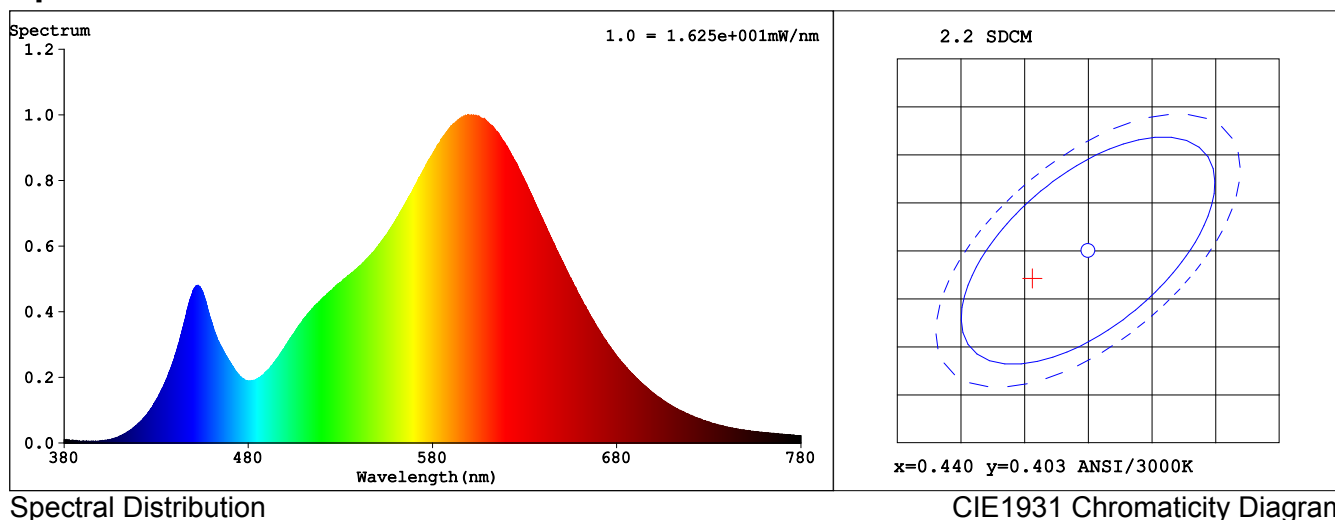
Date : 2021-11-15 10:20:39
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 52492 (80%)
T : 898 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4356$ $y = 0.4001$ / $u' = 0.2514$ $v' = 0.5196$ ($duv = -1.41e-03$)
CCT= 2990K Prcp WL: $L_d = 583.4nm$ Purity=50.8%
Peak WL: $L_p = 599nm$ FWHM: $=123.1nm$ Ratio: R=22.7% G=74.7% B=2.5%

Render Index: $R_a = 81.8$

R1 =79 R2 =90 R3 =96 R4 =78 R5 =79 R6 =88 R7 =81
R8 =55 R9 =4 R10=77 R11=77 R12=72 R13=81 R14=98 R15=71

Photometric & Radiometric Parameters

Flux = 785.84 lm Eff. : 93.66 lm/W $F_e = 2.3961 W$ Scotopic:1042.1 S/P:1.3262
Flux of emitted photons($\mu mol/s$):11.61 Fluo. and blue light ratio:7.860 Fluorescent eff.:239.2
Photons1:1.113e+001 $\mu mol/s$ (400~700nm) Photons2:1.155e+001 $\mu mol/s$ (380~760nm)
Photosynthetic:PPF:11.139 $\mu mol/s$ PAR WATT:2315.9mW(400-700nm)

Electrical parameters

V = 127.0 V I = 0.07000 A P = 8.390 W PF = 0.9380

Spectrum Test Report

Sample :
Specification : L-PAR30-F2-9,8W-30K
Sample No. : 220V
Manufacturer :

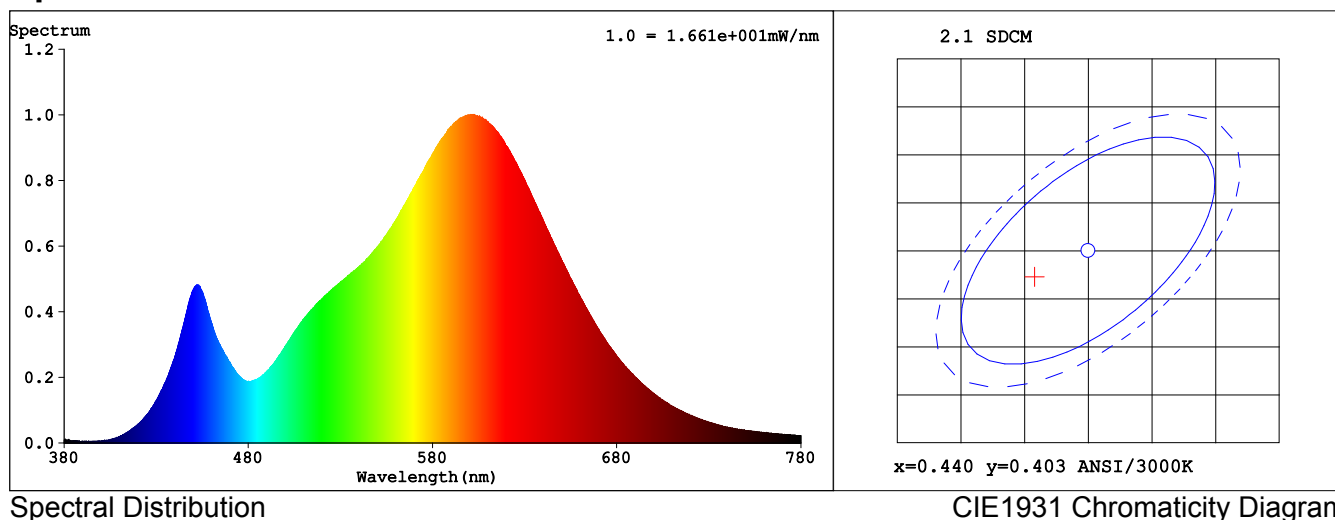
Date : 2021-11-15 10:21:34
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : DAMIN
Assessor : damin

Test Condition

Temperature : 25.3Deg
WL Range : 380nm-780nm
Test Mode : Fast Test

RH : 65.0%
IP : 53698 (82%)
T : 898 ms
Sensitivity : Low

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4358$ $y = 0.4003$ / $u' = 0.2515$ $v' = 0.5197$ ($duv = -1.37e-03$)
CCT= 2988K Prcp WL: $L_d = 583.4\text{nm}$ Purity=50.9%
Peak WL: $L_p = 601\text{nm}$ FWHM: $=122.9\text{nm}$ Ratio: R=22.7% G=74.7% B=2.5%

Render Index: $R_a = 81.8$

R1 =79 R2 =90 R3 =96 R4 =78 R5 =79 R6 =88 R7 =81
R8 =56 R9 =4 R10=77 R11=77 R12=72 R13=82 R14=98 R15=71

Photometric & Radiometric Parameters

Flux = 803.15 lm Eff. : 95.50 lm/W $F_e = 2.4483\text{ W}$ Scotopic: 1064.3 S/P: 1.3251
Flux of emitted photons($\mu\text{mol/s}$): 11.864 Fluo. and blue light ratio: 8.000 Fluorescent eff.: 215.2
Photons1: $1.137e+001\text{ }\mu\text{mol/s}$ (400~700nm) Photons2: $1.181e+001\text{ }\mu\text{mol/s}$ (380~760nm)
Photosynthetic: PPF: $11.383\text{ }\mu\text{mol/s}$ PAR WATT: 2366.4mW(400-700nm)

Electrical parameters

V = 219.9 V I = 0.04600 A P = 8.410 W PF = 0.8190