

Spectrum Test Report

Sample : 576-24v-10mm 6500k
 Specification : L031-6500k
 Sample No. : 1281
 Manufacturer : Zedfy GmbH

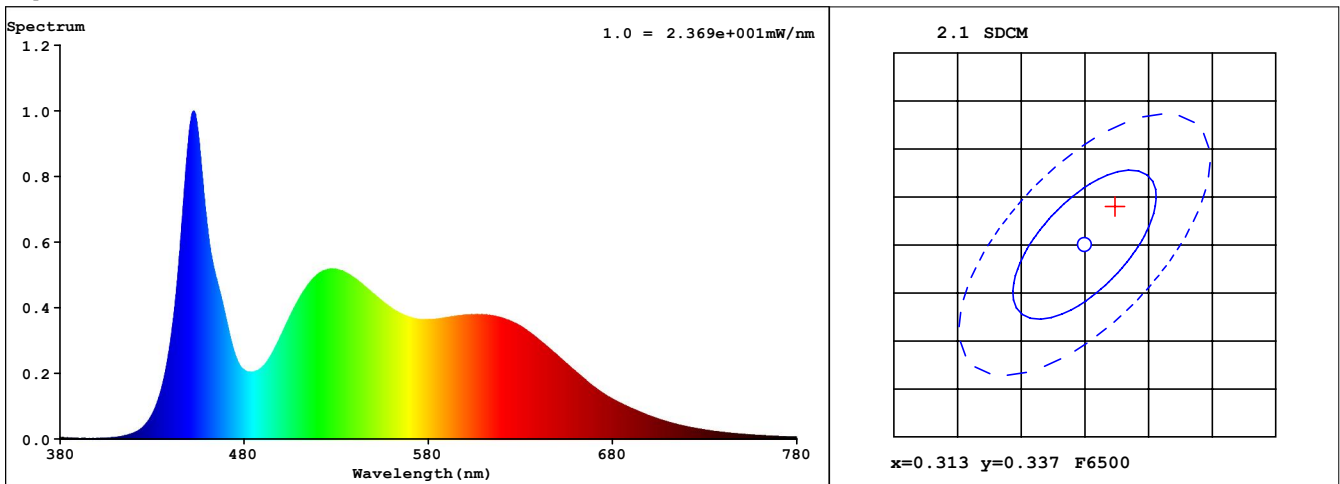
Date : 2024-11-30 18:23:12
 Sam. Status : 1M
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 51921 (79%)
 T : 171 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3154$ $y = 0.3410$ / $u' = 0.1952$ $v' = 0.4750$ ($duv=7.92e-03$)
 CCT= 6290K Prcp WL: Ld=497.2nm Purity=5.7%
 Peak WL: Lp=453nm FWHM: =20.7nm Ratio:R=15.0% G=79.6% B=5.3%

Render Index: Ra = 91.3

R1 =93 R2 =92 R3 =89 R4 =93 R5 =91 R6 =88 R7 =97
 R8 =89 R9 =63 R10=79 R11=90 R12=59 R13=92 R14=94 R15=90

Photometric & Radiometric Parameters

Flux = 702.22 lm Eff. : 66.26 lm/W Fe = 2.3437 W

Electrical parameters

V = 24.00 V I = 0.4416 A P = 10.60 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample : 576-24v-10mm 2700k
 Specification : L-031-2700K
 Sample No. : 1282
 Manufacturer : Zedfy GmbH

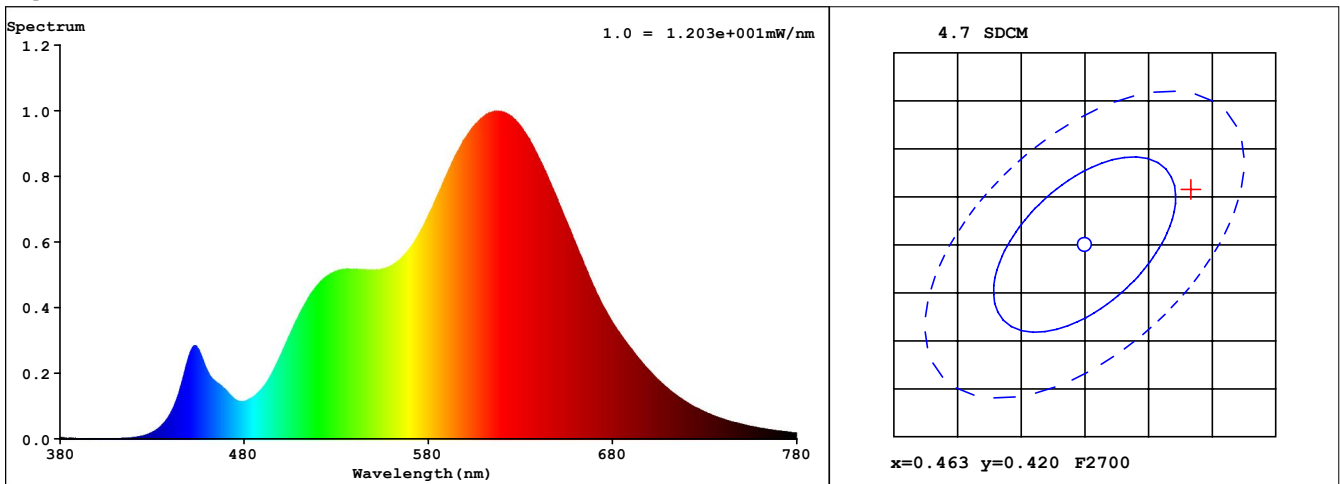
Date : 2024-11-30 18:23:55
 Sam. Status : 1M
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 47663 (73%)
 T : 171 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4713$ $y = 0.4257$ / $u' = 0.2631$ $v' = 0.5347$ ($duv=4.54e-03$)
 CCT= 2660K Prcp WL: Ld=583.1nm Purity=69.3%
 Peak WL: Lp=616nm FWHM: =141.5nm Ratio:R=26.9% G=71.2% B=1.8%

Render Index: Ra = 92.7

R1 =93 R2 =95 R3 =97 R4 =97 R5 =93 R6 =98 R7 =91
 R8 =77 R9 =45 R10=89 R11=99 R12=81 R13=94 R14=97 R15=85

Photometric & Radiometric Parameters

Flux = 528.13 lm Eff. : 49.86 lm/W Fe = 1.7026 W

Electrical parameters

V = 24.00 V I = 0.4414 A P = 10.59 W PF = 1.000 F=0.00 Hz

Spectrum Test Report

Sample :576-24v-10mm 4000k
 Specification : L-031 Mixed
 Sample No. : 1283
 Manufacturer : Zedfy GmbH

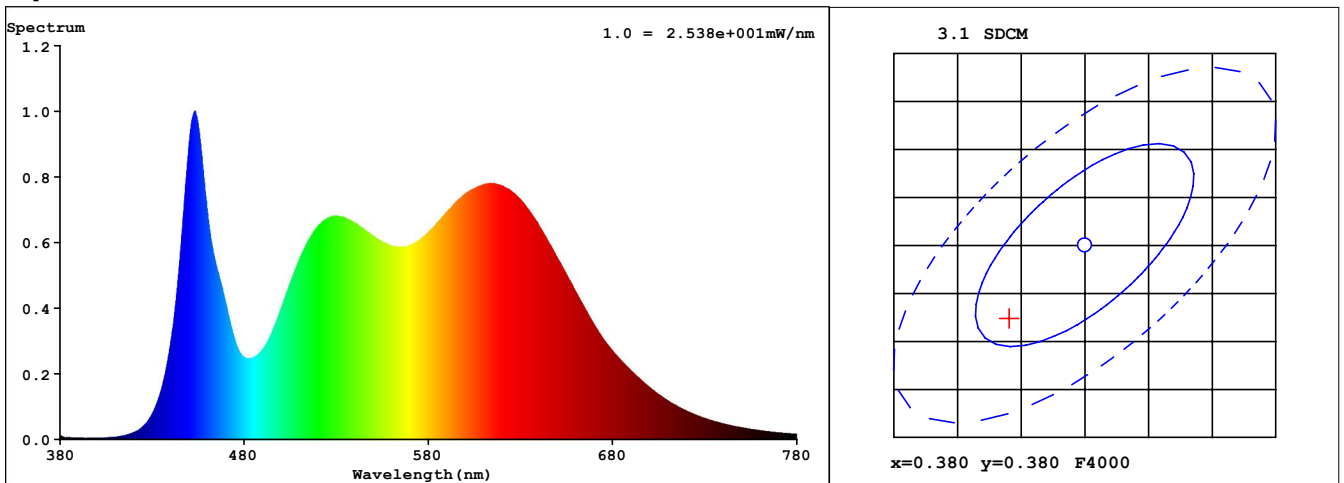
Date : 2024-11-30 18:24:27
 Sam. Status :1M
 Instrument : HaasSuite(EVERFINE)
 Test by : DAMIN
 Assessor : damin

Test Condition

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

RH : 65.0%
 IP : 52442 (80%)
 T : 114 ms
 Sensitivity : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3741$ $y = 0.3724$ / $u' = 0.2226$ $v' = 0.4987$ ($duv = -1.57e-04$)
 CCT= 4146K Prcp WL: Ld=578.6nm Purity=24.0%
 Peak WL: Lp=453nm FWHM: =22.1nm Ratio:R=20.2% G=75.9% B=3.9%

Render Index: Ra = 95.6

R1 =98 R2 =97 R3 =93 R4 =98 R5 =97 R6 =94 R7 =96
 R8 =91 R9 =73 R10=91 R11=94 R12=70 R13=99 R14=95 R15=95

Photometric & Radiometric Parameters

Flux = 1161.2 lm Eff. : 61.45 lm/W Fe = 3.8277 W

Electrical parameters

V = 24.00 V I = 0.7874 A P = 18.90 W PF = 1.000 F=0.00 Hz