

Spectrum Test Report

Sample : 扇形280双头感应安防灯
Specification : 7635605331M
Sample No. : 2
Manufacturer : EVERFINE
Assessor : YZB
Remark :

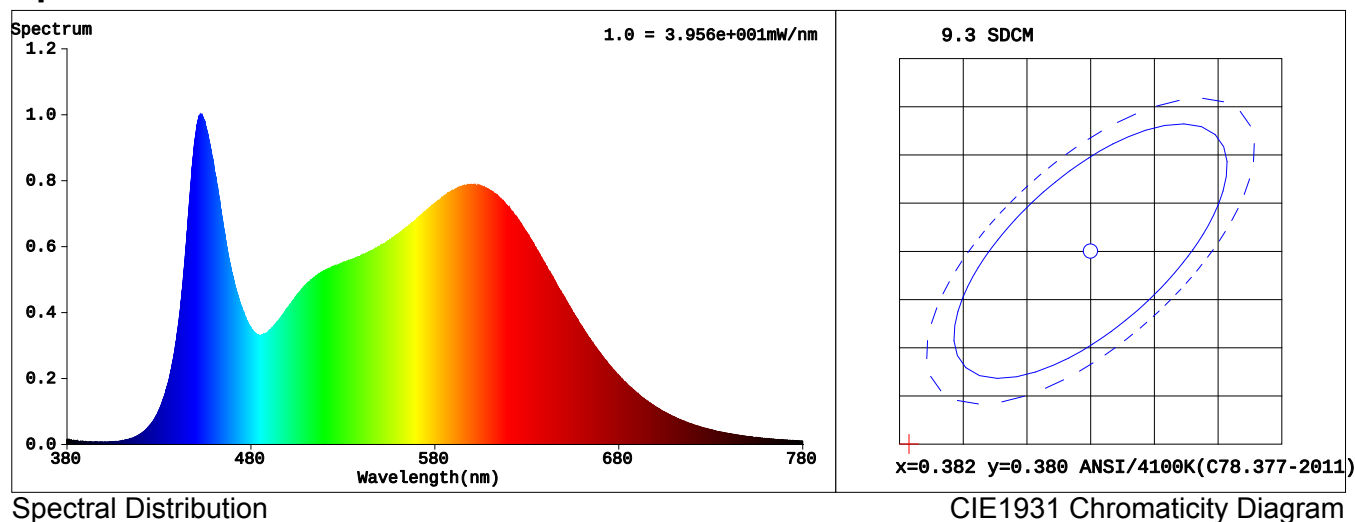
Date : 2021-10-20 10:34:35
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : YPD

Test Condition

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

RH : 65.0%
IP : 56576 (86%)
T : 384 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3675$ $y = 0.3551$ / $u' = 0.2253$ $v' = 0.4897$ ($duv = -6.53e-03$) $Dx, Dy: -0.0036, -0.0157$

CCT= 4224K Prcp WL: $L_d = 583.7nm$ Purity=16.8%

Peak WL: $L_p = 453nm$ FWHM: $= 27.4nm$ Ratio: $R = 19.2\%$ $G = 76.0\%$ $B = 4.7\%$

Render Index: $R_a = 89.5$

$R_1 = 91$ $R_2 = 97$ $R_3 = 96$ $R_4 = 88$ $R_5 = 91$ $R_6 = 92$ $R_7 = 87$

$R_8 = 75$ $R_9 = 41$ $R_{10} = 92$ $R_{11} = 89$ $R_{12} = 71$ $R_{13} = 94$ $R_{14} = 99$ $R_{15} = 88$

WHITE:OUT

Photometric & Radiometric Parameters

Flux = 1793.9 lm Eff. : 120.31 lm/W $F_e = 5.8330 W$

Flux of emitted photons($\mu mol/s$): 27.286 Fluo. and blue light ratio: 3.688 Fluorescent eff.: 258.7

Electrical parameters

$V = 230.4 V$ $I = 0.07703 A$ $P = 14.91 W$ PF = 0.8404 F=49.99 Hz

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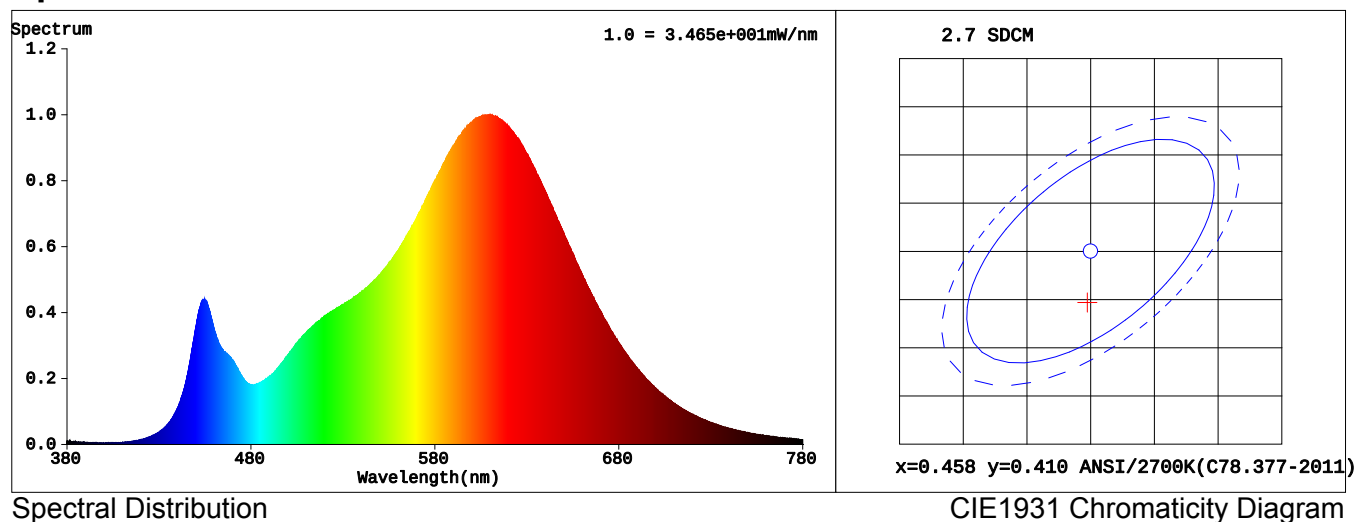
Date : 2021-10-20 10:35:05
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : YPD

Test Condition

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

RH : 65.0%
IP : 52435 (80%)
T : 321 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4574$ $y = 0.4045$ / $u' = 0.2637$ $v' = 0.5246$ ($duv = -2.07e-03$) $Dx, Dy: -0.0036, -0.0063$

CCT= 2687K Prcp WL: $L_d = 585.0nm$ Purity=58.7%

Peak WL: $L_p = 610nm$ FWHM: $= 113.7nm$ Ratio: R=25.7% G=71.8% B=2.5%

Render Index: $R_a = 84.2$

R1 =84 R2 =95 R3 =93 R4 =82 R5 =85 R6 =94 R7 =81

R8 =60 R9 =16 R10=88 R11=82 R12=80 R13=87 R14=97 R15=76

WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 1555.4 lm Eff. : 109.20 lm/W $F_e = 4.9141 W$

Flux of emitted photons($\mu mol/s$):24.151 Fluo. and blue light ratio:10.26 Fluorescent eff.:262.3

Electrical parameters

V = 230.4 V I = 0.07410 A P = 14.24 W PF = 0.8344 F=49.99 Hz

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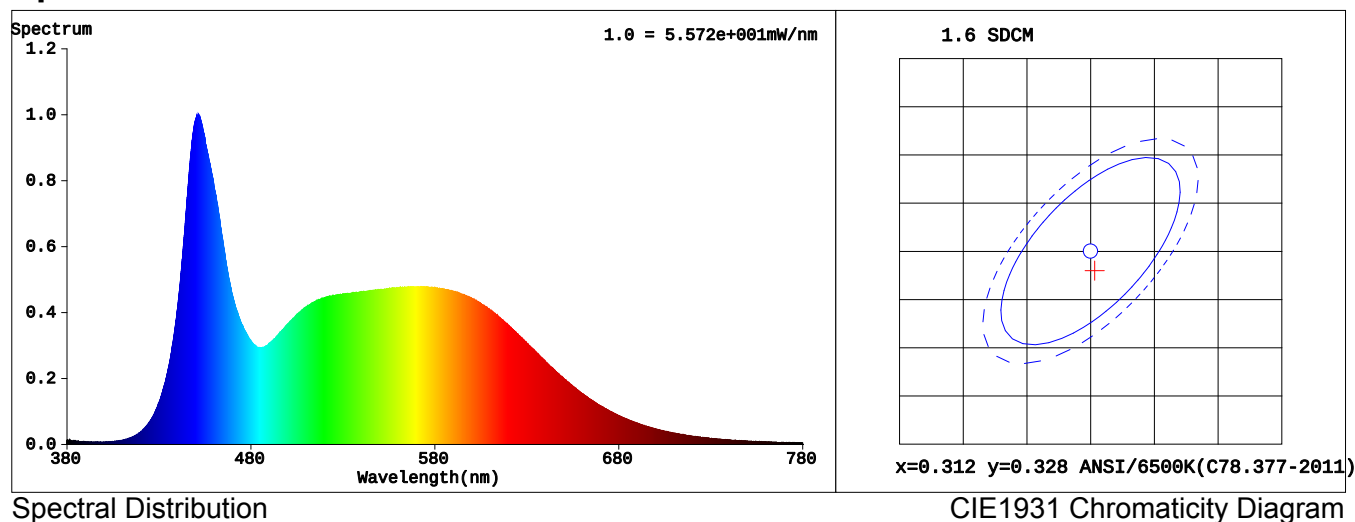
Date : 2021-10-20 10:35:26
Standardtus :
Instrument : HaasSuite(EVERFINE)
Test by : YPD

Test Condition

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

RH : 65.0%
IP : 45348 (69%)
T : 321 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3126$ $y = 0.3262$ / $u' = 0.1988$ $v' = 0.4668$ ($duv=1.81e-03$) $Dx,Dy:-0.0005,0.0030$

CCT= 6530K Prpc WL: $L_d=487.2nm$ Purity=7.5%

Peak WL: $L_p=451nm$ FWHM: $=26.6nm$ Ratio:R=14.0% G=79.8% B=6.2%

Render Index: $R_a = 86.6$

R1 =86 R2 =92 R3 =94 R4 =85 R5 =86 R6 =87 R7 =89

R8 =73 R9 =22 R10=80 R11=85 R12=63 R13=88 R14=97 R15=82

WHITE:ANSI_6500K

Photometric & Radiometric Parameters

Flux = 1773.5 lm Eff. : 125.39 lm/W $F_e = 5.8410 W$

Flux of emitted photons($\mu mol/s$):26.291 Fluo. and blue light ratio:2.346 Fluorescent eff.:241.0

Electrical parameters

V = 230.4 V I = 0.07377 A P = 14.14 W PF = 0.8324 F=49.99 Hz