



Spectrum Test Report

Sample :
Specification :
Sample No. : 8IN Baffle 120-277V 4000K
Manufacturer : Westgate MFG Inc

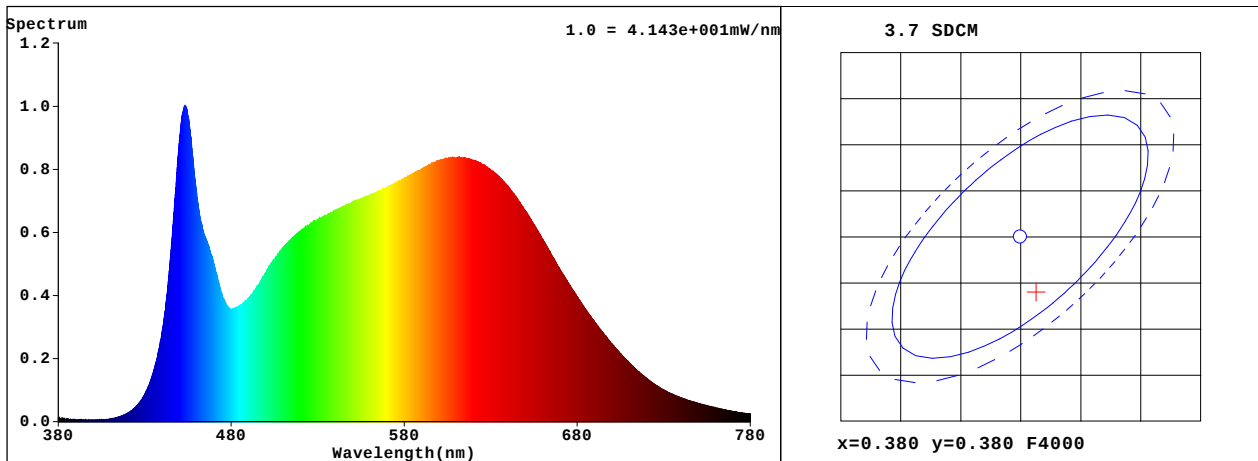
Date : 2020-04-16 19:05:39
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by :
Assessor : damin

Test Condition

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

RH : 65.0%
IP : 52855 (81%)
T : 313 ms
Sensitivity : Low

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3813$ $y = 0.3740$ / $u' = 0.2268$ $v' = 0.5005$ ($duv = -1.55e-03$)

CCT= 3955K Prcp WL: Ld=580.1nm Purity=26.7%

Peak WL: Lp=453nm FWHM: =25.5nm Ratio:R=20.1% G=75.6% B=4.3%

Render Index: Ra = 93.4 CRI = 90.4 AvgR = 90.5

R1 =94 R2 =97 R3 =98 R4 =92 R5 =93 R6 =94 R7 =93

R8 =86 R9 =66 R10=92 R11=93 R12=72 R13=96 R14=99 R15=92

WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 2099.4 lm Eff. : 91.35 lm/W Fe = 7.1606 W

Flux of emitted photons(umol/s):34.316 Fluor. and blue light ratio:5.368 Fluorescent eff.:259.9

Electrical parameters

V = 120.1 V I = 0.1935 A P = 22.98 W PF = 0.9893 F=59.98 Hz

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<http://www.everfine.cn>