

Spectrum Test Report

Sample :
Specification : LEDStreetlight-EQ 20W
Sample No. : OPSZ201701048-01001
Manufacturer :

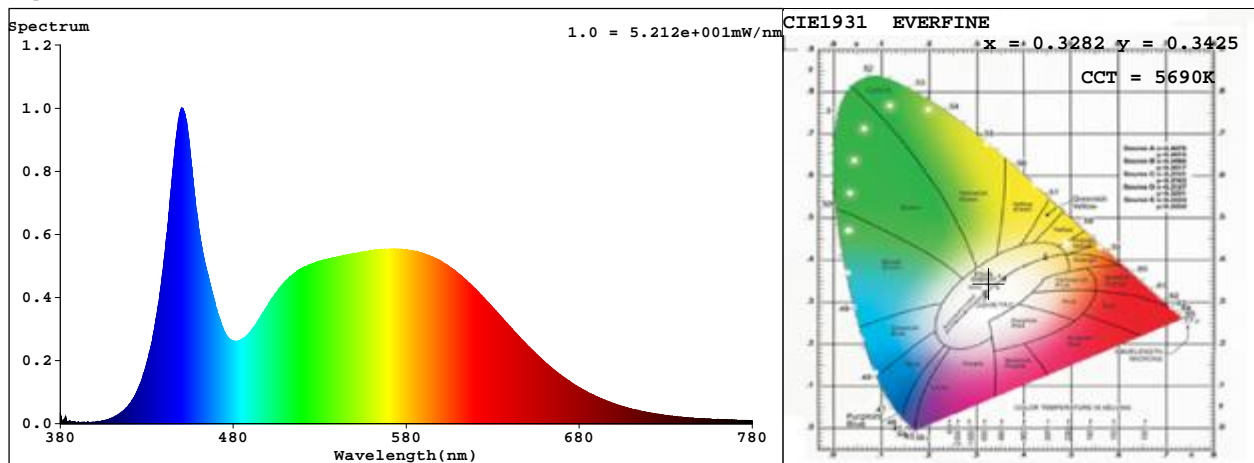
Date : 2017-01-13 17:28:04
Sam. Status :
Instrument : HaasSuite(EVERFINE)
Test by : Evan
Assessor : Zhao xiaobao

Test Condition

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

RH : 49.6%
IP : 54057 (82%)
T : 88 ms
Delicacy : High

Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3282$ $y = 0.3425$ / $u' = 0.2034$ $v' = 0.4776$ ($duv=2.66e-03$)

CCT= 5690K Prcp WL: Ld=517.5nm Purity=1.9%

Peak WL: Lp=450nm FWHM: =24.4nm Ratio:R=14.6% G=80.3% B=5.1%

Render Index: Ra = 84.0

R1 =82 R2 =88 R3 =91 R4 =84 R5 =83 R6 =84 R7 =88
R8 =71 R9 =13 R10=71 R11=84 R12=63 R13=84 R14=95 R15=78

Photometric & Radiometric Parameters

Flux = 1879.2 lm Eff. : 95.10 lm/W Fe = 6.0098 W

Electrical parameters

V = 230.0 V I = 0.08860 A P = 19.76 W PF = 0.9696