

Spectral test report for lamp

Product type : LED Floodlight
 Product No. : B8222
 Manufacturer : BLED

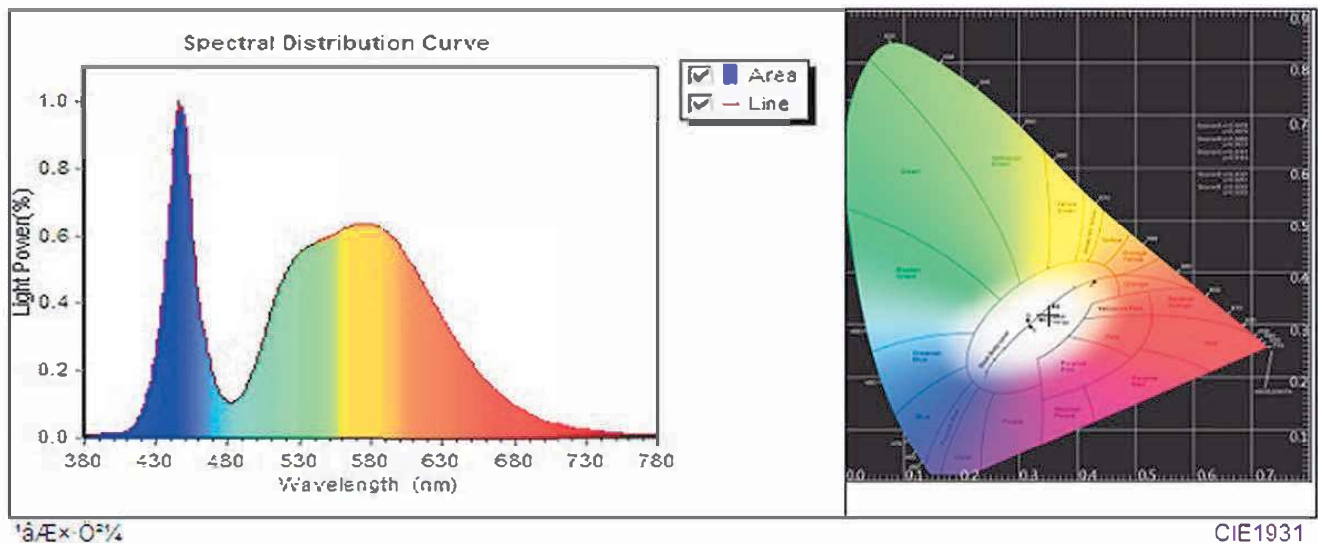
Test date. : 2024-07-18
 Test equipment : SPEC2000A Spectrometer
 Operator. : SERGI

Test Condition

Temperature : 25.0Deg C
 Test range : 380nm-780nm

Humidity : 65%
 Peak AD. : 49375 (75.3%)
 Integral time. : 7ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3460$ $y=0.3579$ $u=0.2096$ $v=0.3252$ ($duv=0.0028$)
 Color temperature: TC=4988 K Color difference: SDCl=0.5 Main Wavelength: $\lambda_c=484.09\text{nm}$ Purity: Purity=0.26
 Peak wavelength: $\lambda_p=446.9\text{nm}$ FWHM: $\lambda_p=20.8\text{nm}$ Color ratio: R=15.57% G=81.72% B=2.71%

Color rendering index (Ra): Ra=72

R1=69.3 R2=76.4 R3=81.8 R4=73.0 R5=70.0 R6=67.5 R7=81.0 R8=56.3
 R9=-32.1 R10=44.0 R11=70.3 R12=41.3 R13=71.0 R14=89.8 R15=63.2

Optical Parameter

Luminous flux: 40126.2 lm Luminous efficiency: 136.86 lm/w Radiant flux: 104.0155 W

Electrical Parameter

Voltage: 231.8 V Current: 1.330 A Watts: 293.18 W Power factor: 0.951

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