



Spectral test report for lamp

Product type :
Product No. : B8400-60-CCT 6500K
Manufacturer : bled

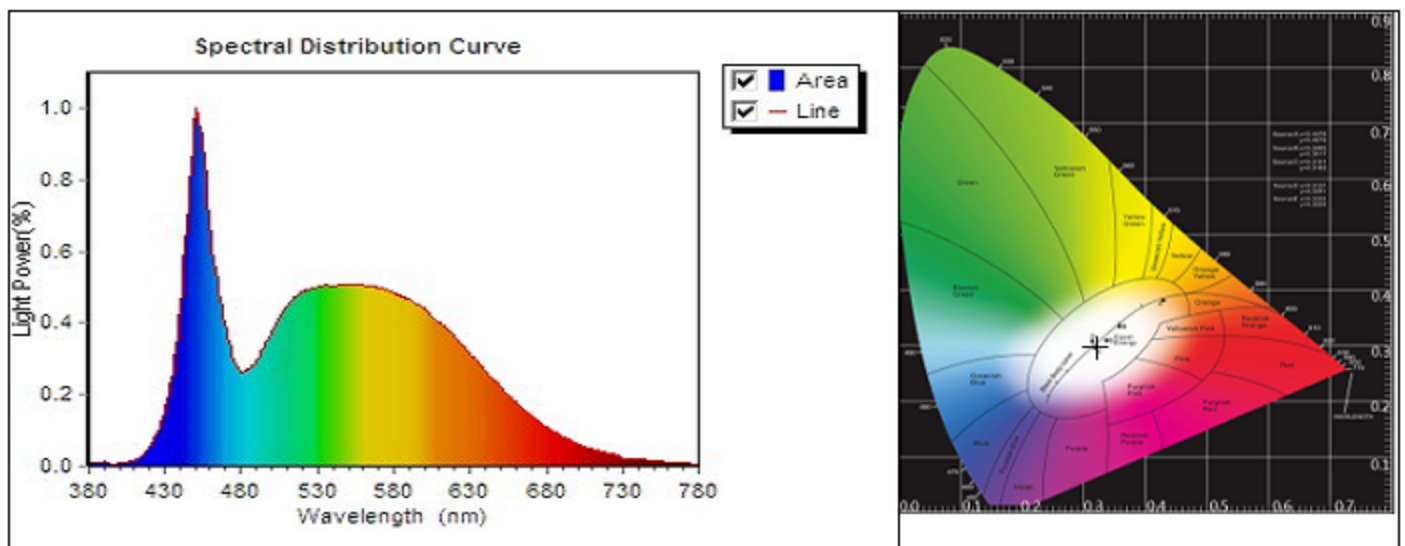
Test date. : 2024-03-20
Test equipment : SPEC2000A Spectrometer
Operator. : ionut

Test Condition

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

Humidity : 65%
Peak AD. : 54168 (82.7%)
Integral time. : 88ms

Spectral Parameter



1â€¦x-Ö²¼

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3158$ $y=0.3391$ $u=0.1962$ $v=0.3161$ ($duv=0.0068$)

Color temperature: $TC=6282$ K Color difference: $SDCM=2.0$ Main Wavelength: $\lambda_d=483.09$ nm Purity: $Purity=0.338$

Peak wavelength: $\lambda_p=451.2$ nm FWHM: $\lambda_p=22.9$ nm Color ratio: $R=14.67\%$ $G=80.28\%$ $B=5.05\%$

Color rendering index (Ra): $Ra=84$

$R1=81.7$ $R2=87.8$ $R3=91.8$ $R4=83.6$ $R5=82.5$ $R6=82.9$ $R7=89.5$ $R8=71.9$

$R9=13.5$ $R10=71.0$ $R11=82.8$ $R12=60.0$ $R13=84.1$ $R14=95.8$ $R15=77.1$

Optical Parameter

Luminous flux: 2690.505 lm luminous efficiency: 130.61 lm/w Radiant flux: 8.7266 W

Electrical Parameter

Voltage: 240.4 V Current: 0.139 A Wate: 20.60 W Power factor: 0.614

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