



Spectral test report for lamp

Product type : LED GU10
Product No. : BSC1-PAR16GU10-36-BC
Manufacturer : BLED

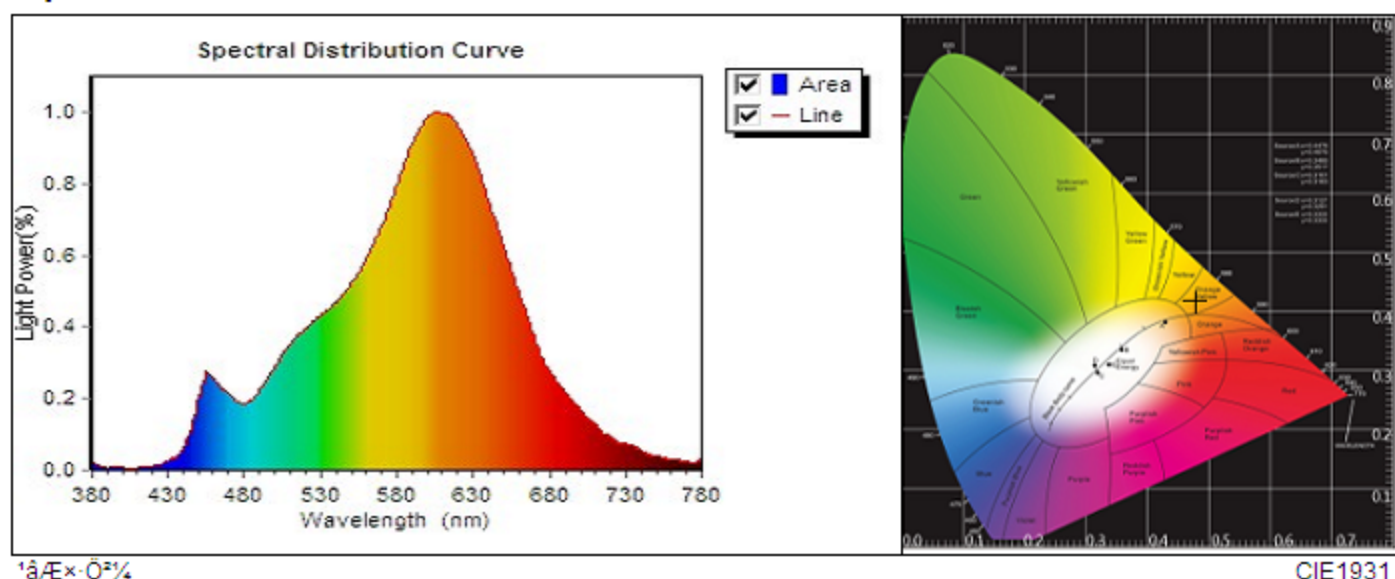
Test date. : 2023-05-12
Test equipment : SPEC2000A Spectrometer
Operator. : BA230214

Test Condition

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

Humidity : 65%
Peak AD. : 52571 (80.2%)
Integral time. : 400ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4695$ $y=0.4226$ $u=0.2633$ $v=0.3555$ ($duv=0.0036$)

Color temperature: $TC=2661$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_d=582.07$ nm Purity: $Purity=0.258$

Peak wavelength: $\lambda_p=606.5$ nm FWHM: $\Delta\lambda_p=113.2$ nm Color ratio: $R=27.50\%$ $G=70.44\%$ $B=2.06\%$

Color rendering index (Ra): $Ra=83.9$

$R1=83.0$ $R2=93.3$ $R3=94.3$ $R4=81.9$ $R5=83.4$ $R6=94.4$ $R7=82.1$ $R8=58.6$

$R9=10.7$ $R10=85.6$ $R11=82.9$ $R12=77.9$ $R13=86.4$ $R14=97.4$ $R15=73.6$

Optical Parameter

Luminous flux: 731.933 lm luminous efficiency: 116.18 lm/w Radiant flux: 2.2546 W

Electrical Parameter

Voltage: 230.5 V Current: 0.046 A Wattle: 6.30 W Power factor: 0.582

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