



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED GU10
Product No. : BSC1-PAR16GU10-100-BC
Manufacturer : BLED

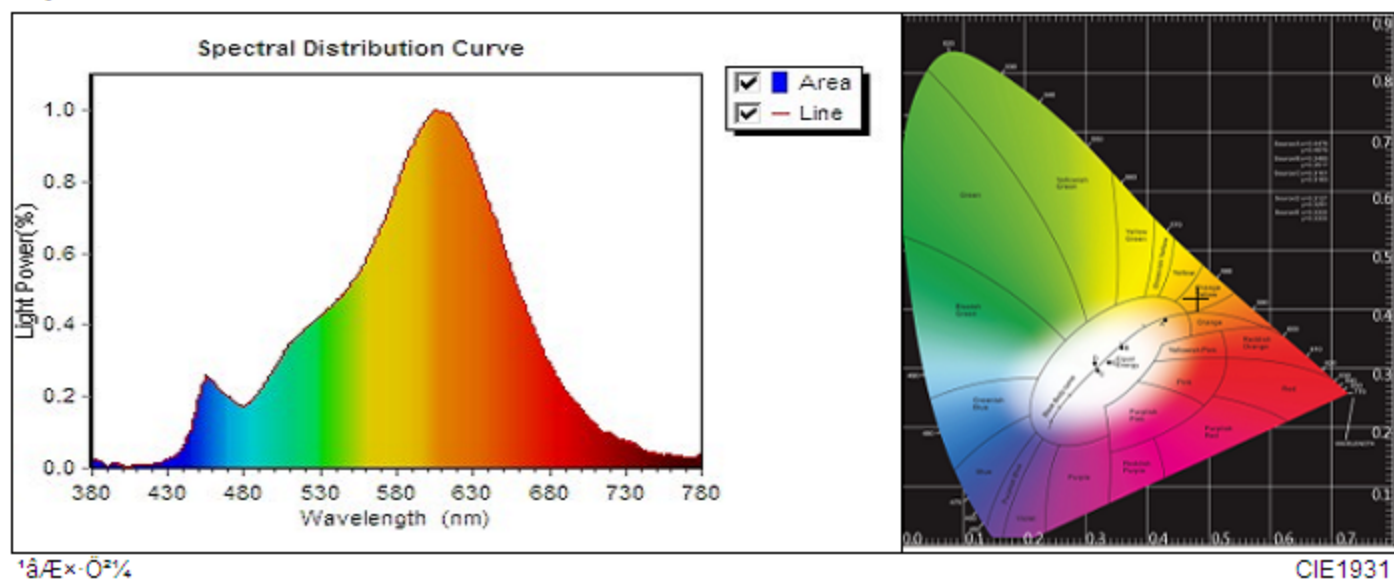
Test date. : 2023-05-12
Test equipment : SPEC2000A Spectrometer
Operator. : BA230214

Test Condition

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

Humidity : 65%
Peak AD. : 38759 (59.1%)
Integral time. : 312ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4716$ $y=0.4240$ $u=0.2641$ $v=0.3561$ ($duv=0.0039$)
Color temperature: $TC=2643$ K Color difference: $SDCM=4.9$ Main Wavelength: $\lambda_d=582.07$ nm Purity: $Purity=0.282$
Peak wavelength: $\lambda_p=606.5$ nm FWHM: $\Delta\lambda_p=112.4$ nm Color ratio: $R=27.63\%$ $G=70.39\%$ $B=1.98\%$

Color rendering index (Ra): $Ra=83.7$

$R1=82.6$ $R2=92.9$ $R3=94.7$ $R4=81.8$ $R5=83.0$ $R6=93.9$ $R7=82.2$ $R8=58.3$
 $R9=9.8$ $R10=84.7$ $R11=82.7$ $R12=77.3$ $R13=86.0$ $R14=97.7$ $R15=73.2$

Optical Parameter

Luminous flux: 688.029 lm luminous efficiency: 129.82 lm/w Radiant flux: 2.1276 W

Electrical Parameter

Voltage: 230.5 V Current: 0.040 A Watts: 5.30 W Power factor: 0.571

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>