



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

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

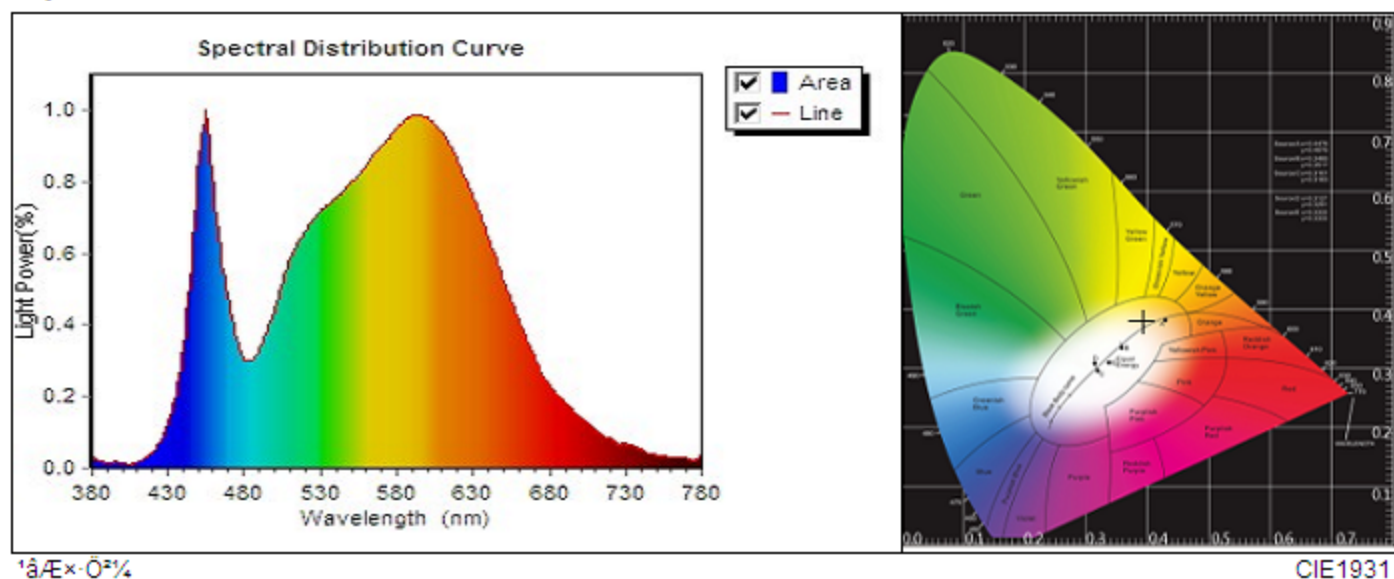
Test date. : 2023-05-12
Test equipment : SPEC2000A Spectrometer
Operator. : BA230214

Test Condition

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

Humidity : 65%
Peak AD. : 51037 (77.9%)
Integral time. : 400ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3849$ $y=0.3854$ $u=0.2246$ $v=0.3373$ ($duv=0.0027$)
Color temperature: $TC=3944$ K Color difference: $SDCM=2.4$ Main Wavelength: $\lambda_d=486.06$ nm Purity: $Purity=0.155$
Peak wavelength: $\lambda_p=454.3$ nm FWHM: $\Delta\lambda_p=24.4$ nm Color ratio: $R=19.88\%$ $G=76.87\%$ $B=3.25\%$

Color rendering index (Ra): $Ra=83.3$

$R1=81.4$ $R2=89.6$ $R3=95.6$ $R4=81.5$ $R5=81.0$ $R6=85.4$ $R7=86.8$ $R8=65.1$
 $R9=10.4$ $R10=74.9$ $R11=80.2$ $R12=59.8$ $R13=84.2$ $R14=97.7$ $R15=75.2$

Optical Parameter

Luminous flux: 802.381 lm luminous efficiency: 129.42 lm/w Radiant flux: 2.4402 W

Electrical Parameter

Voltage: 230.5 V Current: 0.046 A Watte: 6.20 W Power factor: 0.576

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