



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : GU10 LED
Product No. : BS1-PAR16GU10-45-BF
Manufacturer : BLED

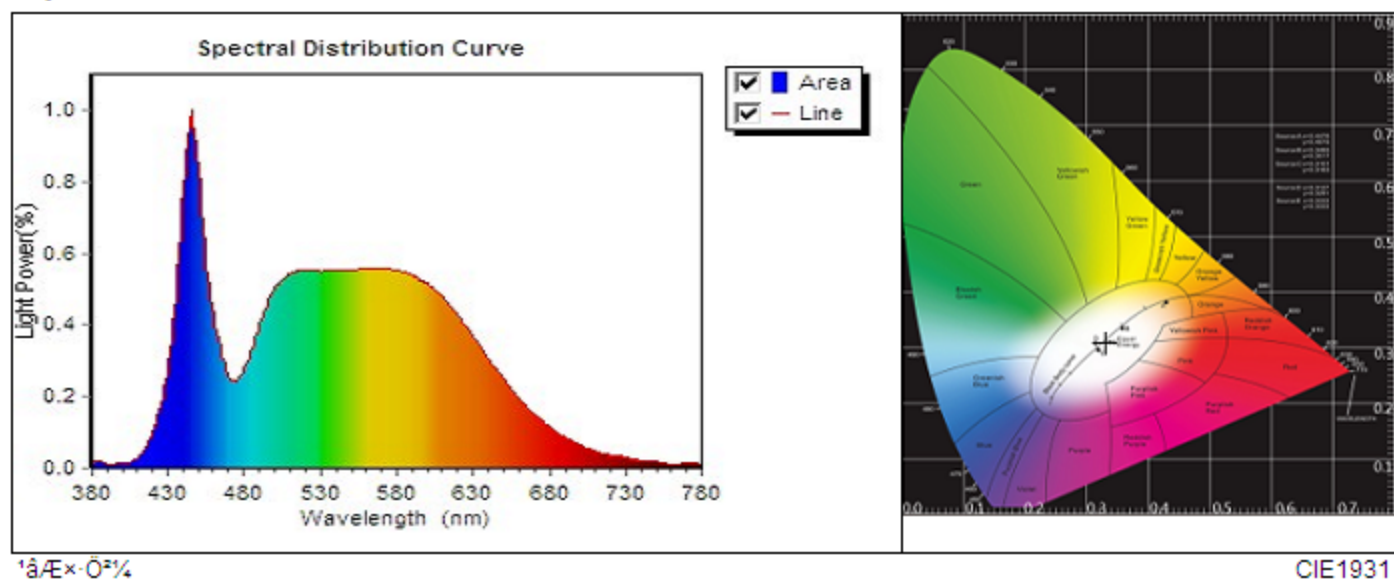
Test date. : 2023-01-20
Test equipment: SPEC2000A Spectrometer
Operator. : SPBL20221715

Test Condition

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

Humidity : 65%
Peak AD. : 43496 (66.4%)
Integral time. : 321ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3252$ $y=0.3506$ $u=0.1984$ $v=0.3208$ ($duv=0.0081$)
Color temperature: $TC=5808$ K Color difference: $SDCM=6.2$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.31$
Peak wavelength: $\lambda_p=445.4$ nm FWHM: $\Delta\lambda_p=21.6$ nm Color ratio: $R=15.26\%$ $G=80.07\%$ $B=4.68\%$

Color rendering index (Ra): $Ra=84.1$

$R1=81.6$ $R2=86.8$ $R3=93.0$ $R4=85.2$ $R5=83.7$ $R6=84.2$ $R7=87.7$ $R8=70.1$
 $R9=8.3$ $R10=71.3$ $R11=86.5$ $R12=72.4$ $R13=83.3$ $R14=96.4$ $R15=74.8$

Optical Parameter

Luminous flux: 679.92 lm Luminous efficiency: 101.48 lm/w Radiant flux: 2.1786 W

Electrical Parameter

Voltage: 230.4 V Current: 0.0333 A Watte: 6.70 W Power factor: 0.602

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