



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED COB
Product No. : B1559-10-BN
Manufacturer : BLED

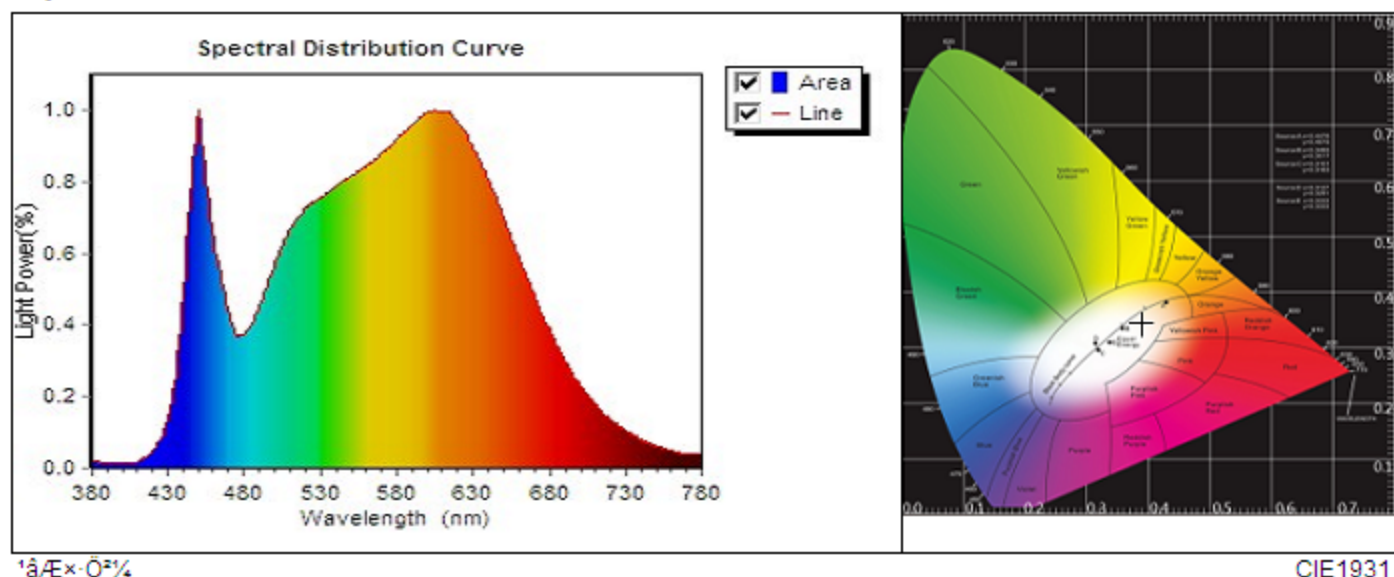
Test date. : 2020-09-02
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 52320 (79.8%)
Integral time. : 48ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3853$ $y=0.3819$ $u=0.2262$ $v=0.3364$ ($duv=0.0010$)
Color temperature: $TC=3911$ K Color difference: $SDCM=2.7$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.156$
Peak wavelength: $\lambda_p=450.0$ nm FWHM: $\Delta\lambda_p=25.8$ nm Color ratio: $R=21.17\%$ $G=75.27\%$ $B=3.56\%$

Color rendering index (Ra): $Ra=91$

$R1=90.7$ $R2=94.3$ $R3=96.9$ $R4=91.4$ $R5=90.4$ $R6=92.0$ $R7=92.1$ $R8=79.7$
 $R9=48.3$ $R10=86.1$ $R11=91.9$ $R12=73.6$ $R13=92.1$ $R14=98.1$ $R15=86.4$

Optical Parameter

Luminous flux: 156.763 lm Luminous efficiency: 114.68 lm/w Radiant flux: 0.5143 W

Electrical Parameter

Voltage: 23.99 V Current: 0.057 A Watts: 1.367 W Power factor: 1.000

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