



Spectral test report for lamp

Product type : TIRALED COB
Product No. : B1559-5-BN
Manufacturer : BLED

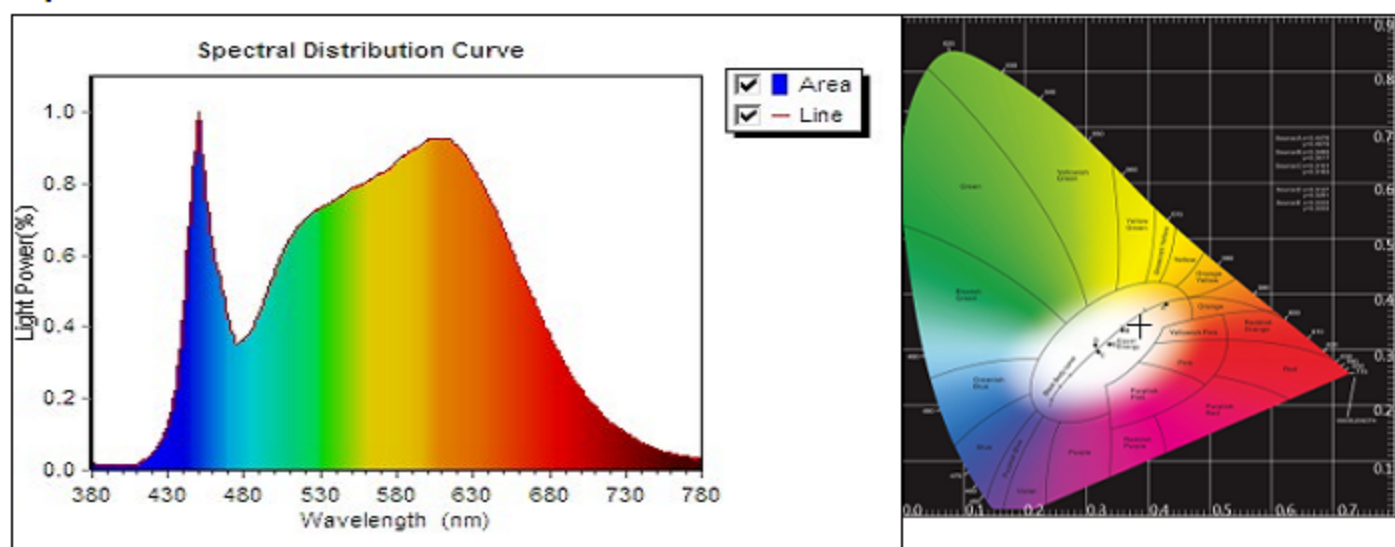
Test date. : 2020-09-02
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 57589 (87.9%)
Integral time. : 68ms

Spectral Parameter



1â€¦x-Ö²%

CIE1931

CIE Color Parameter

Chromaticity coordinates: $x=0.3821$ $y=0.3819$ $u=0.2242$ $v=0.3361$ ($duv=0.0019$)

Color temperature: $TC=3993$ K Color difference: $SDCM=1.0$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.163$

Peak wavelength: $\lambda_p=449.9$ nm FWHM: $\lambda_p=25.1$ nm Color ratio: $R=20.85\%$ $G=75.51\%$ $B=3.64\%$

Color rendering index (Ra): $Ra=91.3$

$R1=91.0$ $R2=94.2$ $R3=96.6$ $R4=91.8$ $R5=90.5$ $R6=91.8$ $R7=93.0$ $R8=81.3$

$R9=51.6$ $R10=85.9$ $R11=92.2$ $R12=72.5$ $R13=92.3$ $R14=97.9$ $R15=87.0$

Optical Parameter

Luminous flux: 122.438 lm luminous efficiency: 118.64 lm/w Radiant flux: 0.4039 W

Electrical Parameter

Voltage: 23.99 V Current: 0.043 A Watto: 1.032 W Power factor: 1.000

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