



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED COB
Product No. : B1559-5-270
Manufacturer : BLED

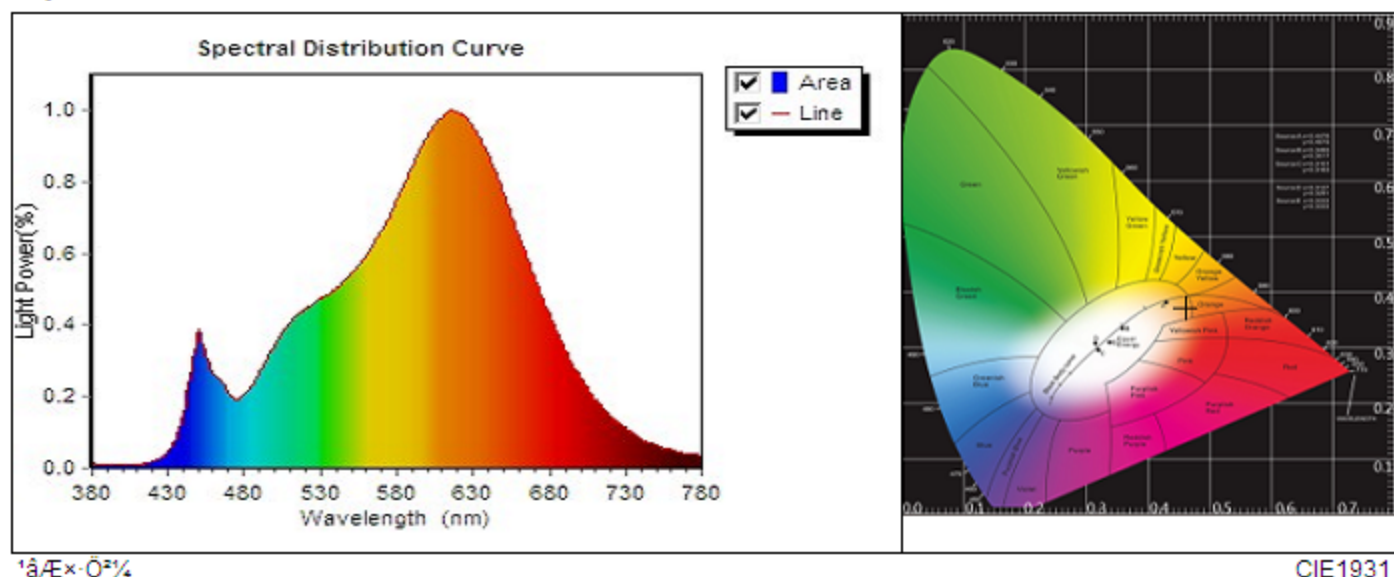
Test date. : 2020-09-02
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 45281 (69.1%)
Integral time. : 68ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4546$ $y=0.4089$ $u=0.2599$ $v=0.3506$ ($duv=-0.0002$)
Color temperature: $TC=2762$ K Color difference: $SDCM=5.4$ Main Wavelength: $\lambda_d=598.04$ nm Purity: $Purity=0.04$
Peak wavelength: $\lambda_p=616.3$ nm FWHM: $\Delta\lambda_p=133.6$ nm Color ratio: $R=27.76\%$ $G=69.86\%$ $B=2.39\%$

Color rendering index (Ra): $Ra=91.9$

$R1=92.6$ $R2=97.7$ $R3=96.8$ $R4=92.9$ $R5=93.4$ $R6=97.3$ $R7=88.6$ $R8=75.8$
 $R9=48.4$ $R10=94.9$ $R11=95.8$ $R12=88.4$ $R13=94.8$ $R14=99.0$ $R15=86.2$

Optical Parameter

Luminous flux: 86.295 lm Luminous efficiency: 94.62 lm/w Radiant flux: 0.2927 W

Electrical Parameter

Voltage: 23.99 V Current: 0.038 A Watts: 0.912 W Power factor: 1.000

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