



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED COB
Product No. : B1559-10-270
Manufacturer : BLED

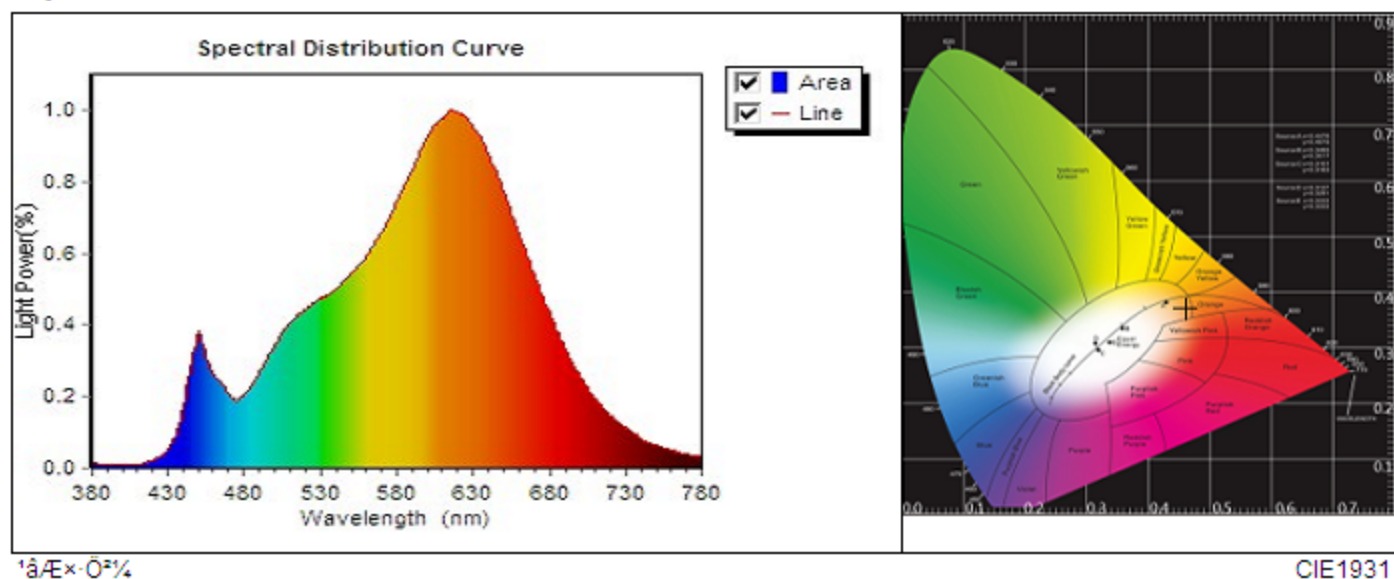
Test date. : 2020-09-02
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 53682 (81.9%)
Integral time. : 58ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4538$ $y=0.4075$ $u=0.2600$ $v=0.3502$ ($duv=-0.0006$)
Color temperature: $TC=2762$ K Color difference: $SDCM=6.1$ Main Wavelength: $\lambda_d=490.08$ nm Purity: $Purity=0.015$
Peak wavelength: $\lambda_p=616.4$ nm FWHM: $\Delta\lambda_p=134.0$ nm Color ratio: $R=27.85\%$ $G=69.75\%$ $B=2.40\%$

Color rendering index (Ra): $Ra=92.3$

$R1=93.1$ $R2=97.9$ $R3=97.0$ $R4=93.5$ $R5=94.0$ $R6=97.2$ $R7=88.9$ $R8=76.7$
 $R9=50.4$ $R10=95.3$ $R11=96.3$ $R12=89.5$ $R13=95.2$ $R14=99.1$ $R15=86.9$

Optical Parameter

Luminous flux: 121.624 lm luminous efficiency: 92.14 lm/w Radiant flux: 0.4147 W

Electrical Parameter

Voltage: 23.99 V Current: 0.055 A Watts: 1.32 W Power factor: 1.000

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