



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFÓN LED ESTANCO
Product No. : B1725-R-CCT (BN)
Manufacturer : BLED

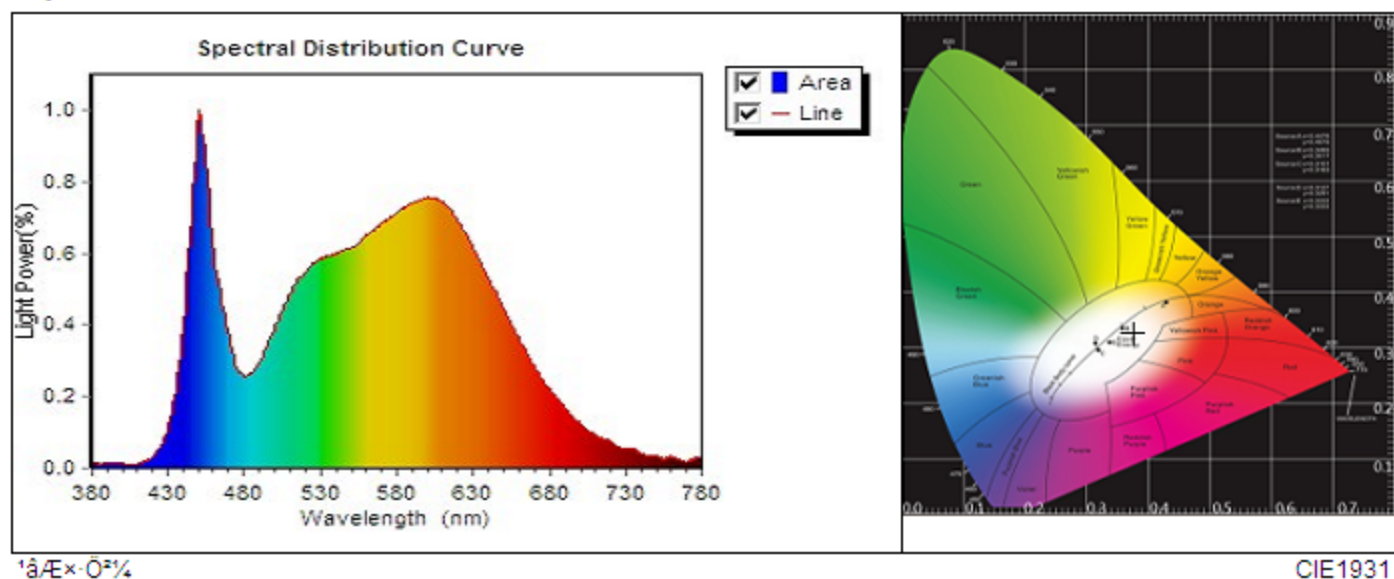
Test date. : 2024-08-28
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 34356 (52.4%)
Integral time. : 109ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3715$ $y=0.3666$ $u=0.2233$ $v=0.3305$ ($duv=-0.0021$)
Color temperature: $TC=4182$ K Color difference: $SDCM=5.1$ Main Wavelength: $\lambda_d=483.08$ nm Purity: $Purity=0.197$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=22.2$ nm Color ratio: $R=20.18\%$ $G=76.18\%$ $B=3.64\%$

Color rendering index (Ra): $Ra=87.9$

$R1=87.8$ $R2=92.6$ $R3=95.0$ $R4=87.8$ $R5=87.4$ $R6=88.5$ $R7=89.2$ $R8=74.3$
 $R9=33.5$ $R10=81.3$ $R11=87.7$ $R12=66.1$ $R13=89.7$ $R14=97.2$ $R15=83.6$

Optical Parameter

Luminous flux: 1940.855 lm luminous efficiency: 116.92 lm/w Radiant flux: 6.214 W

Electrical Parameter

Voltage: 230.3 V Current: 0.122 A Watts: 16.60 W Power factor: 0.590

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