



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : L5075-36W 4000K
Manufacturer : BLED

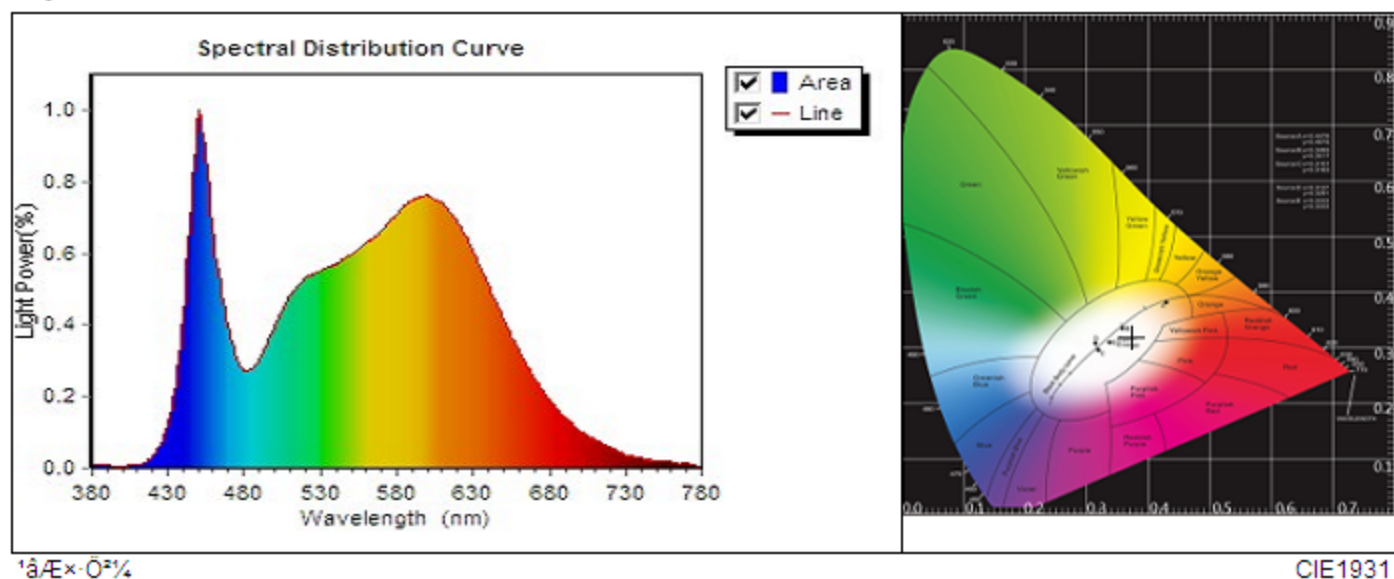
Test date. : 2024-04-12
Test equipment: SPEC2000A Spectrometer
Operator. : IONUT

Test Condition

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

Humidity : 65%
Peak AD. : 48171 (73.5%)
Integral time. : 102ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3688$ $y=0.3595$ $u=0.2243$ $v=0.3280$ ($duv=-0.0048$)
Color temperature: $TC=4215$ K Color difference: $SDCM=7.8$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.208$
Peak wavelength: $\lambda_p=450.8$ nm FWHM: $\Delta\lambda_p=22.8$ nm Color ratio: $R=20.34\%$ $G=75.81\%$ $B=3.85\%$

Color rendering index (Ra): $Ra=88.3$

$R1=88.6$ $R2=93.9$ $R3=95.8$ $R4=88.0$ $R5=88.6$ $R6=89.9$ $R7=87.9$ $R8=73.1$
 $R9=32.1$ $R10=84.5$ $R11=88.3$ $R12=69.2$ $R13=90.7$ $R14=98.1$ $R15=84.4$

Optical Parameter

Luminous flux: 2776.643 lm luminous efficiency: 82.15 lm/w Radiant flux: 8.8519 W

Electrical Parameter

Voltage: 240.5 V Current: 0.144 A Watte: 33.80 W Power factor: 0.971

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