



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPT-40W-CCT-N (4000K)
Manufacturer : BLED

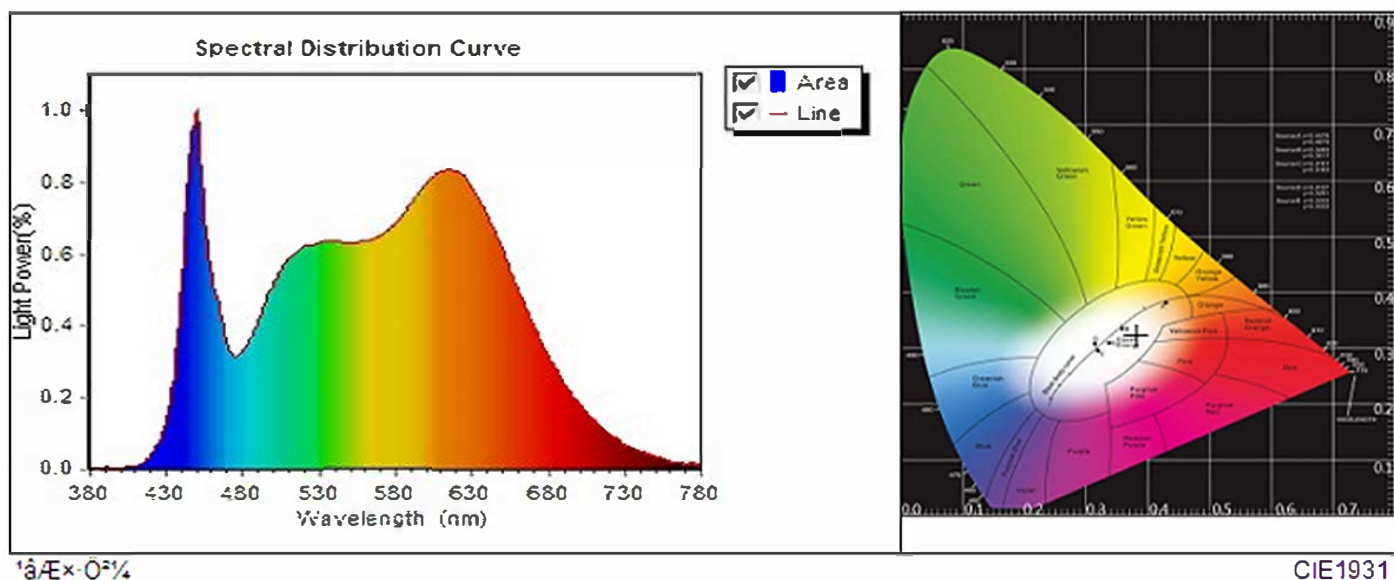
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 34658 (52.9%)
Integral time. : 70ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3751$ $y=0.3643$ $u=0.2266$ $v=0.3301$ ($duv=-0.0044$)
Color temperature: $TC=4058$ K Color difference: $SDCM=6.4$ Main Wavelength: $\lambda_c=482.03$ nm Purity: $Purity=0.19$
Peak wavelength: $\lambda_p=448.6$ nm FWHM: $\Delta\lambda_p=21.2$ nm Color ratio: $R=22.21\%$ $G=73.78\%$ $B=4.01\%$

Color rendering index (Ra): $Ra=96.5$

$R1=98.4$ $R2=98.5$ $R3=97.1$ $R4=96.2$ $R5=99.3$ $R6=95.5$ $R7=95.1$ $R8=91.6$
 $R9=78.8$ $R10=97.2$ $R11=93.0$ $R12=83.7$ $R13=98.4$ $R14=97.8$ $R15=97.8$

Optical Parameter

Luminous flux: 3108.541 lm luminous efficiency: 81.8 lm/w Radiant flux: 10.6071 W

Electrical Parameter

Voltage: 230.6 V Current: 0.165 A Watts: 38.00 W Power factor: 0.961

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