



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPT-40WCRI-BN-B
Manufacturer : BLED

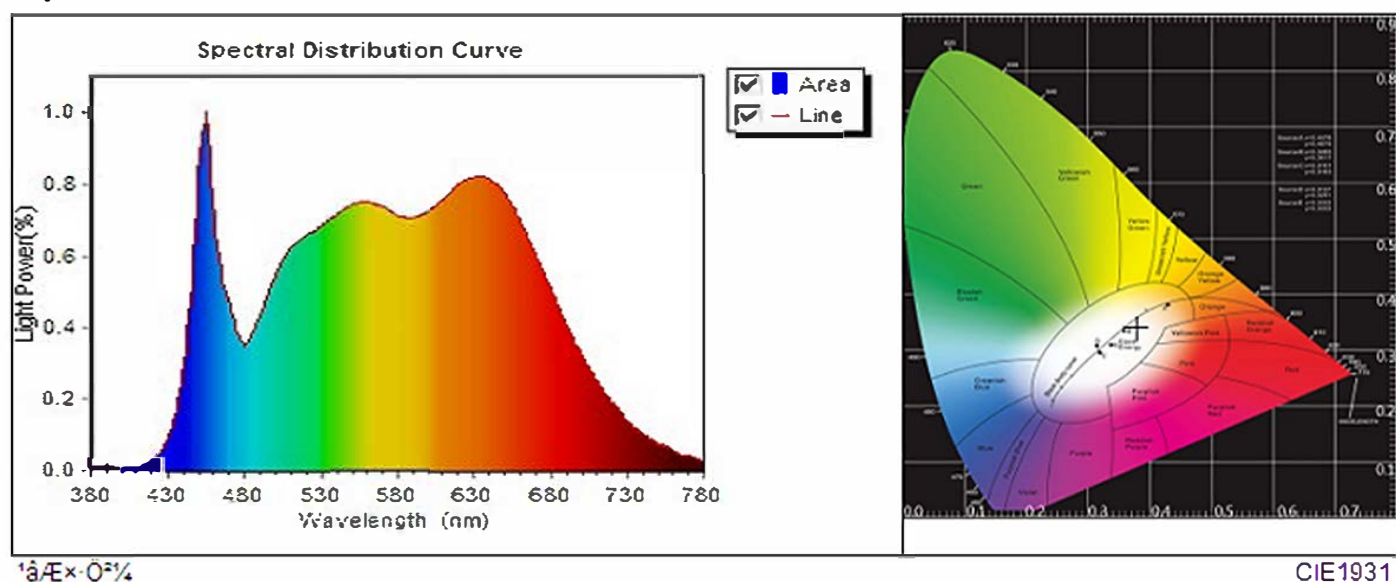
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 58776 (89.7%)
Integral time. : 104ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3735$ $y=0.3791$ $u=0.2197$ $v=0.3344$ ($duv=0.0032$)
Color temperature: $TC=4209$ K Color difference: $SDCM=3.8$ Main Wavelength: $\lambda_c=485.04$ nm Purity: $Purity=0.184$
Peak wavelength: $\lambda_p=453.8$ nm FWHM: $\Delta\lambda_p=22.3$ nm Color ratio: $R=20.55\%$ $G=75.39\%$ $B=4.05\%$

Color rendering index (Ra): $Ra=96.2$

$R1=96.8$ $R2=96.7$ $R3=94.9$ $R4=96.2$ $R5=94.9$ $R6=93.6$ $R7=98.9$ $R8=97.3$
 $R9=93.0$ $R10=91.1$ $R11=96.0$ $R12=70.3$ $R13=96.7$ $R14=96.8$ $R15=95.6$

Optical Parameter

Luminous flux: 3692.885 lm luminous efficiency: 94.21 lm/w Radiant flux: 13.2396 W

Electrical Parameter

Voltage: 230.3 V Current: 0.179 A Watts: 39.20 W Power factor: 0.948

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