



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPM-10W-CCT-N (4000K)
Manufacturer : BLED

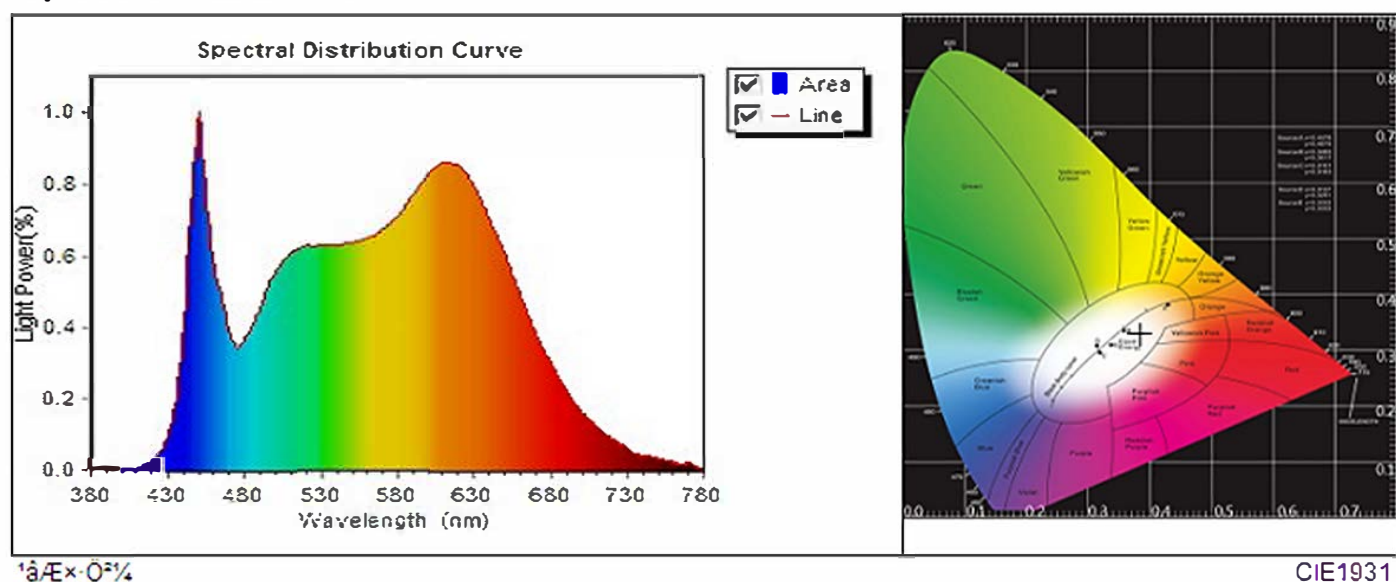
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 45704 (69.7%)
Integral time. : 354ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3782$ $y=0.3694$ $u=0.2266$ $v=0.3320$ ($duv=-0.0028$)
Color temperature: $TC=4008$ K Color difference: $SDCM=4.7$ Main Wavelength: $\lambda_c=483.02$ nm Purity: $Purity=0.18$
Peak wavelength: $\lambda_p=449.7$ nm FWHM: $\Delta\lambda_p=21.8$ nm Color ratio: $R=22.21\%$ $G=73.60\%$ $B=4.19\%$

Color rendering index (Ra): $Ra=96.3$

$R1=98.2$ $R2=98.8$ $R3=98.6$ $R4=98.9$ $R5=98.6$ $R6=95.2$ $R7=93.7$ $R8=88.3$
 $R9=72.5$ $R10=98.7$ $R11=95.6$ $R12=82.5$ $R13=98.8$ $R14=99.5$ $R15=95.7$

Optical Parameter

Luminous flux: 821.175 lm luminous efficiency: 84.66 lm/w Radiant flux: 2.7561 W

Electrical Parameter

Voltage: 230.6 V Current: 0.047 A Watte: 9.70 W Power factor: 0.886

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