



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaled.com

Spectral test report for lamp

Product type : TRACKLIGHT
Product No. : BPM-40W-CCT-B (3000K)
Manufacturer : BLED

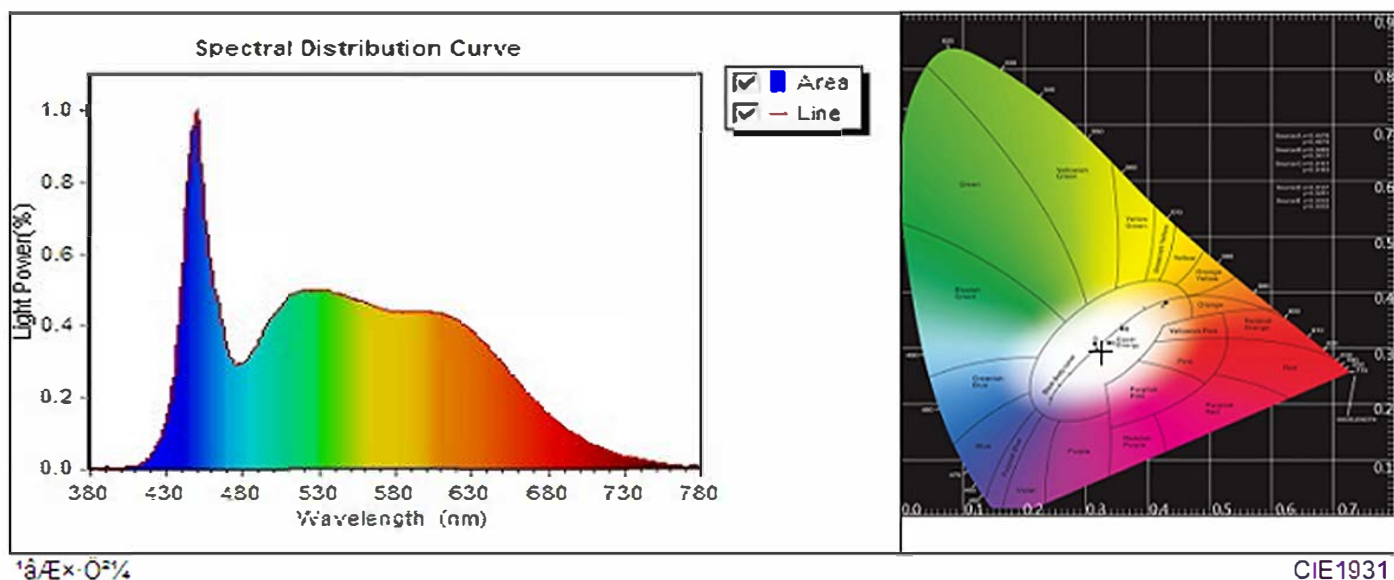
Test date. : 2024-01-18
Test equipment : SPEC2000A Spectrometer
Operator. : SANTIAGO

Test Condition

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

Humidity : 65%
Peak AD. : 41864 (63.9%)
Integral time. : 56ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3192$ $y=0.3356$ $u=0.1999$ $v=0.3152$ ($duv=0.0034$)

Color temperature: $TC=6128$ K Color difference: $SDCM=1.7$ Main Wavelength: $\lambda_d=483.09$ nm Purity: $Purity=0.335$

Peak wavelength: $\lambda_p=448.6$ nm FWHM: $\Delta\lambda_p=22.5$ nm Color ratio: $R=16.60\%$ $G=77.97\%$ $B=5.42\%$

Color rendering index (Ra): $Ra=93.1$

$R1=94.1$ $R2=94.3$ $R3=93.5$ $R4=94.1$ $R5=93.9$ $R6=91.2$ $R7=94.5$ $R8=88.5$

$R9=64.6$ $R10=86.0$ $R11=93.6$ $R12=74.1$ $R13=94.7$ $R14=96.5$ $R15=91.9$

Optical Parameter

Luminous flux: 3293.719 lm luminous efficiency: 79.75 lm/w Radiant flux: 11.3064 W

Electrical Parameter

Voltage: 230.7 V Current: 0.185 A Watts: 41.30 W Power factor: 0.966

MEASUREFINE

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