



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PLAFON SMART
Product No. : B1290-R-SMART_B
Manufacturer : BLED

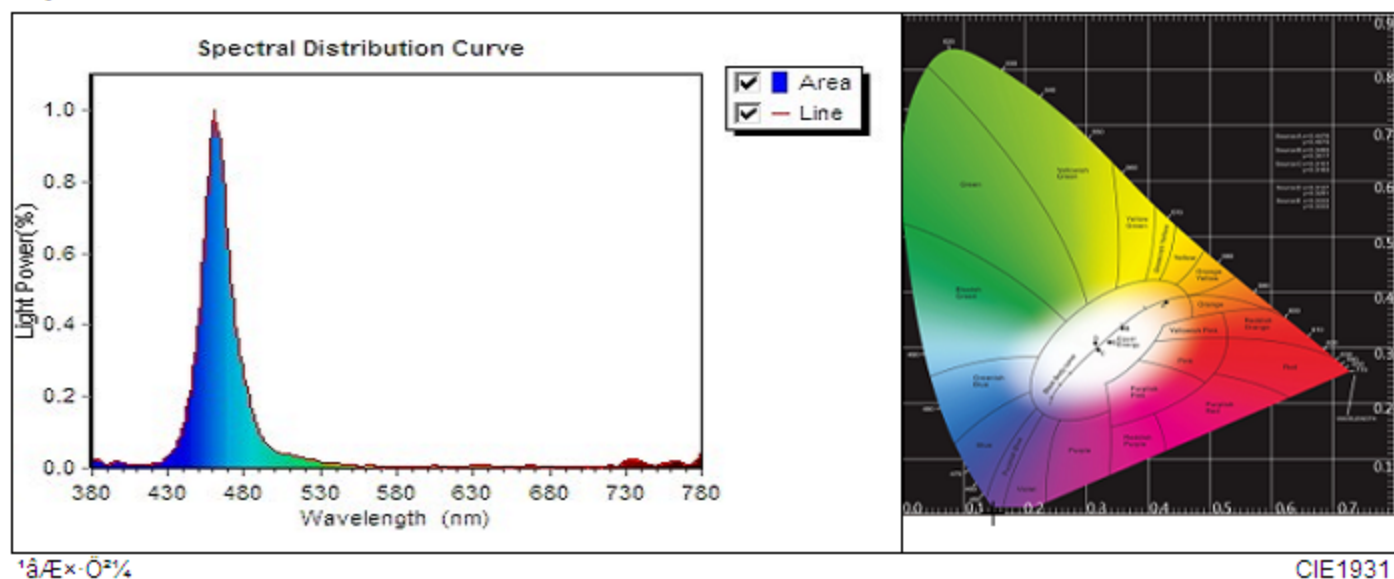
Test date. : 2022-10-25
Test equipment: SPEC2000A Spectrometer
Operator. : 22ES-TL-BAR01

Test Condition

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

Humidity : 65%
Peak AD. : 59103 (90.2%)
Integral time. : 1379ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.1458$ $y=0.0665$ $u=0.1663$ $v=0.1137$ ($duv=-0.1592$)
Color temperature: $TC=100000$ K Color difference: $SDCM=113.3$ Main Wavelength: $\lambda_d=474.07$ nm Purity: $Purity=0.972$
Peak wavelength: $\lambda_p=461.1$ nm FWHM: $\lambda_p=20.6$ nm Color ratio: $R=3.81\%$ $G=34.82\%$ $B=61.37\%$

Color rendering index (Ra): $Ra=-24.7$

$R1=30.5$ $R2=-12.1$ $R3=-119.1$ $R4=-66.6$ $R5=39.6$ $R6=-16.9$ $R7=-33.2$ $R8=-20.4$
 $R9=-116.6$ $R10=-167.5$ $R11=-89.2$ $R12=-46.5$ $R13=12.0$ $R14=-17.1$ $R15=36.2$

Optical Parameter

Luminous flux: 9.776 lm luminous efficiency: 5.15 lm/w Radiant flux: 0.1343 W

Electrical Parameter

Voltage: 230.7 V Current: 0.018 A Watts: 1.90 W Power factor: 0.441

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