



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : SURFACE LED ROUND PANEL
Product No. : B1288-R-CCT_CW
Manufacturer : BLED

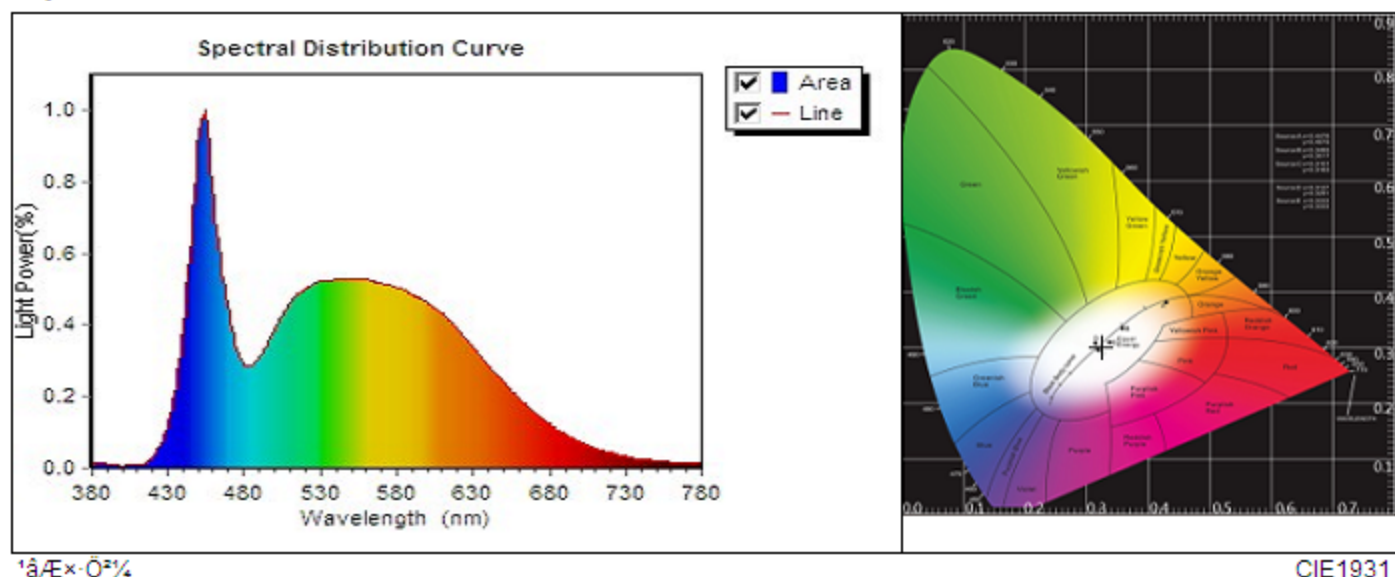
Test date. : 2022-10-19
Test equipment: SPEC2000A Spectrometer
Operator. : 22ES-TL-BAR01

Test Condition

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

Humidity : 65%
Peak AD. : 48338 (73.8%)
Integral time. : 107ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3190$ $y=0.3431$ $u=0.1969$ $v=0.3177$ ($duv=0.0072$)
Color temperature: $TC=6108$ K Color difference: $SDCM=4.3$ Main Wavelength: $\lambda_d=484.01$ nm Purity: $Purity=0.33$
Peak wavelength: $\lambda_p=453.4$ nm FWHM: $\Delta\lambda_p=24.7$ nm Color ratio: $R=15.01\%$ $G=79.86\%$ $B=5.13\%$

Color rendering index (Ra): $Ra=84.9$

$R1=82.8$ $R2=89.4$ $R3=93.3$ $R4=83.5$ $R5=83.0$ $R6=84.6$ $R7=89.8$ $R8=72.4$
 $R9=17.4$ $R10=74.4$ $R11=82.7$ $R12=59.7$ $R13=85.5$ $R14=96.6$ $R15=78.2$

Optical Parameter

Luminous flux: 1976.158 lm luminous efficiency: 83.74 lm/w Radiant flux: 6.4162 W

Electrical Parameter

Voltage: 230.2 V Current: 0.171 A Watts: 23.60 W Power factor: 0.599

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