



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

Spectral test report for lamp

Product type : SURFACE PANEL
Product No. : B1760-30W-B_CW
Manufacturer : BLED

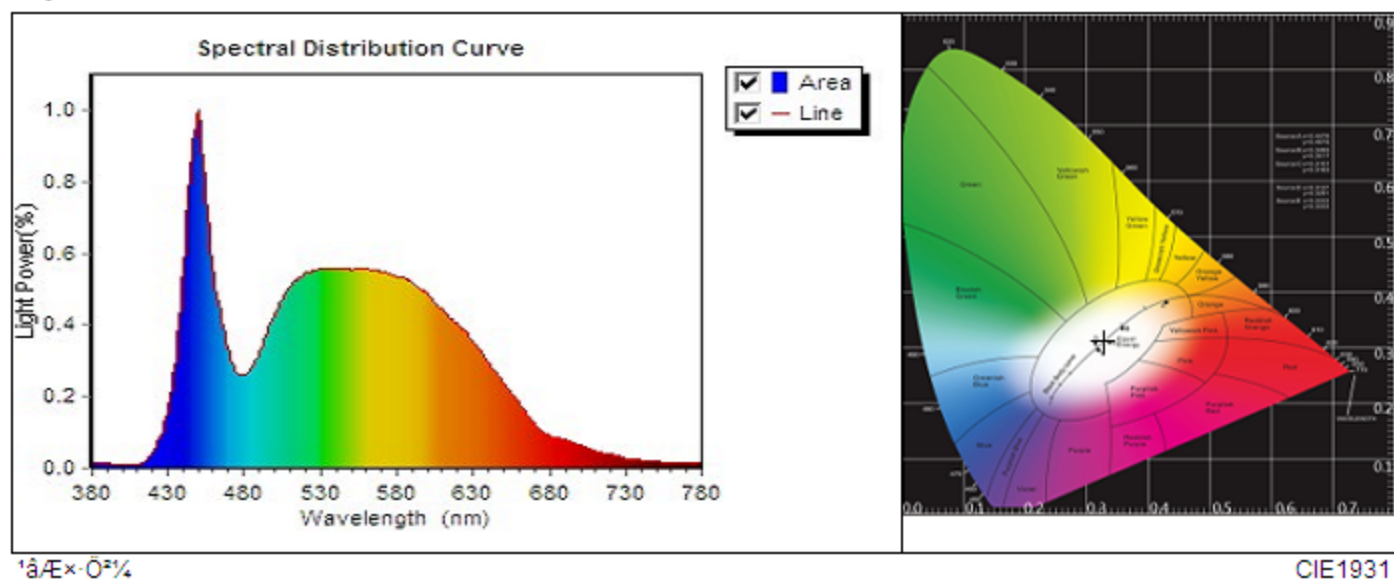
Test date. : 2023-09-27
Test equipment: SPEC2000A Spectrometer
Operator. : ABD-2203-1H

Test Condition

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

Humidity : 65%
Peak AD. : 52973 (80.8%)
Integral time. : 87ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3230$ $y=0.3523$ $u=0.1963$ $v=0.3212$ ($duv=0.0099$)
Color temperature: $TC=5902$ K Color difference: $SDCM=8.1$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.316$
Peak wavelength: $\lambda_p=449.1$ nm FWHM: $\Delta\lambda_p=22.1$ nm Color ratio: $R=14.68\%$ $G=80.74\%$ $B=4.58\%$

Color rendering index (Ra): $Ra=82.2$

$R1=79.0$ $R2=85.6$ $R3=91.8$ $R4=82.4$ $R5=80.5$ $R6=81.4$ $R7=88.3$ $R8=68.5$
 $R9=2.6$ $R10=67.5$ $R11=81.9$ $R12=61.2$ $R13=81.4$ $R14=95.8$ $R15=72.9$

Optical Parameter

Luminous flux: 3073.661 lm luminous efficiency: 102.46 lm/w Radiant flux: 9.6489 W

Electrical Parameter

Voltage: 230.4 V Current: 0.143 A Watts: 30.00 W Power factor: 0.906

MEASUREFINE

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