



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

Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE
Product No. : B1269-24W-CCT (BF)
Manufacturer : BLED

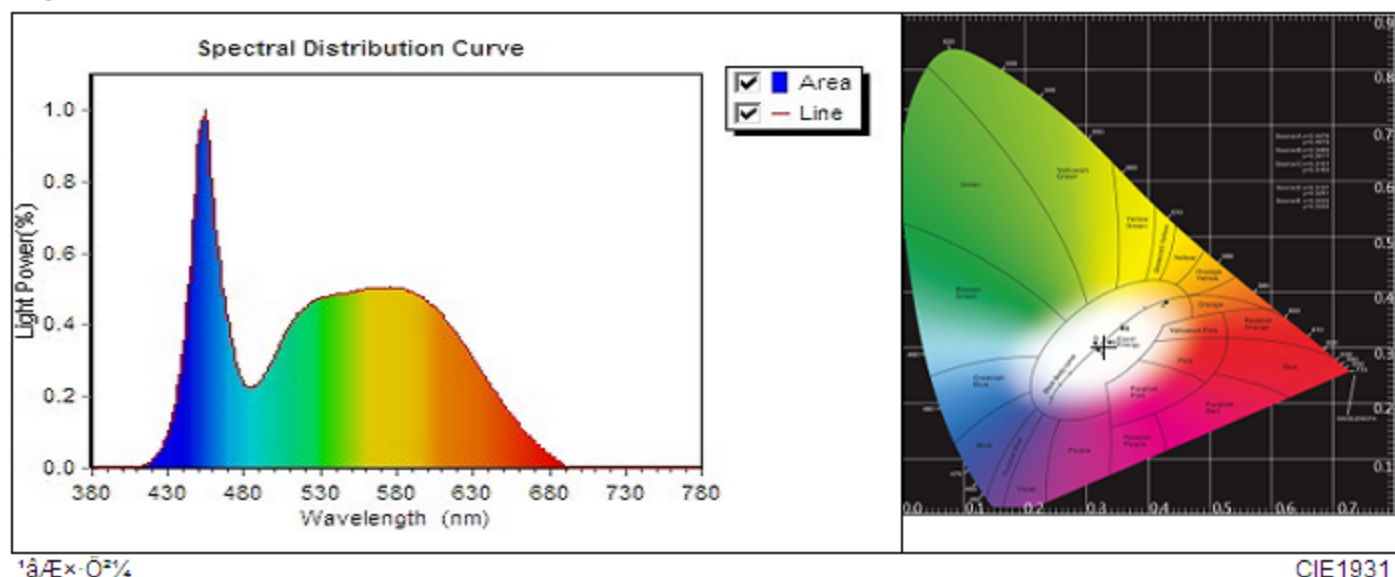
Test date. : 2024-09-02
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 51234 (78.2%)
Integral time. : 76ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3239$ $y=0.3427$ $u=0.2004$ $v=0.3181$ ($duv=0.0047$)
Color temperature: $TC=5884$ K Color difference: $SDCM=2.1$ Main Wavelength: $\lambda_d=483.01$ nm Purity: $Purity=0.318$
Peak wavelength: $\lambda_p=453.4$ nm FWHM: $\Delta\lambda_p=21.6$ nm Color ratio: $R=15.14\%$ $G=80.11\%$ $B=4.75\%$

Color rendering index (Ra): $Ra=81.5$

$R1=79.5$ $R2=87.7$ $R3=92.0$ $R4=80.2$ $R5=79.9$ $R6=82.0$ $R7=86.0$ $R8=64.0$
 $R9=-6.6$ $R10=69.7$ $R11=79.2$ $R12=55.3$ $R13=82.8$ $R14=95.9$ $R15=73.6$

Optical Parameter

Luminous flux: 2883.237 lm luminous efficiency: 114.87 lm/w Radiant flux: 8.692 W

Electrical Parameter

Voltage: 230.3 V Current: 0.180 A Watts: 25.10 W Power factor: 0.604

MEASUREFINE

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