



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1243-B-24W-BN
Manufacturer : BLED

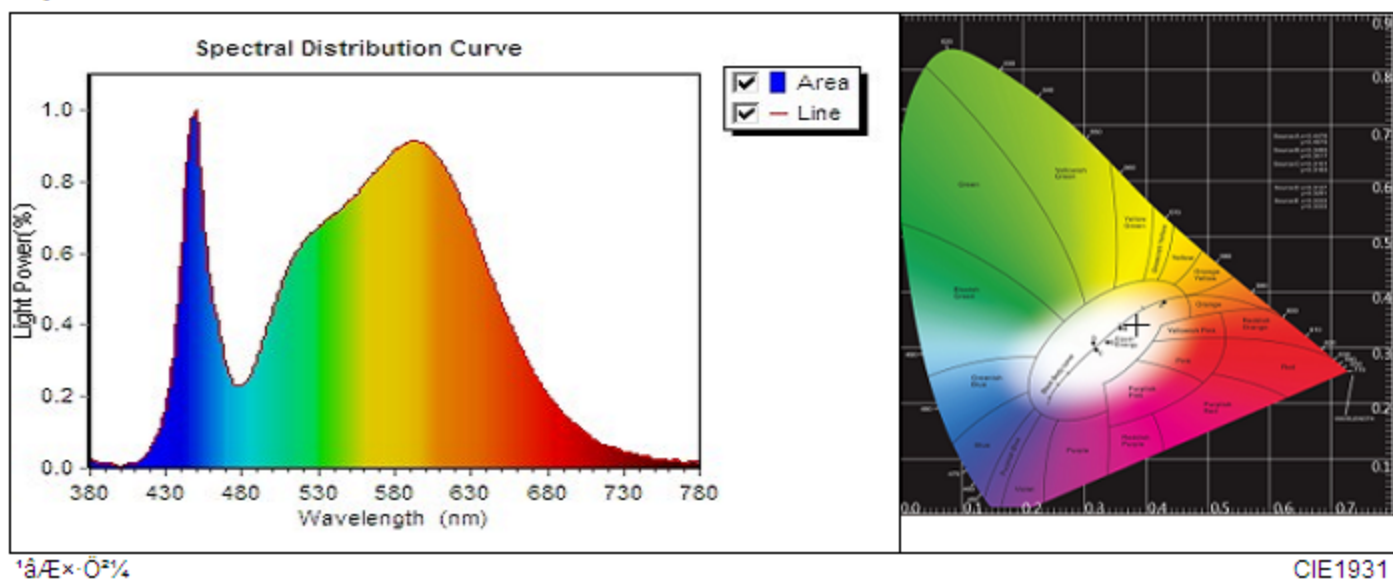
Test date. : 2022-02-04
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 32569 (49.7%)
Integral time. : 90ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3801$ $y=0.3799$ $u=0.2236$ $v=0.3353$ ($duv=0.0016$)
Color temperature: $TC=4034$ K Color difference: $SDCM=0.1$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.169$
Peak wavelength: $\lambda_p=448.0$ nm FWHM: $\Delta\lambda_p=20.5$ nm Color ratio: $R=19.48\%$ $G=77.52\%$ $B=3.00\%$

Color rendering index (Ra): $Ra=82$

$R1=80.1$ $R2=87.0$ $R3=93.1$ $R4=82.3$ $R5=80.4$ $R6=82.4$ $R7=86.2$ $R8=64.4$
 $R9=5.1$ $R10=69.8$ $R11=81.6$ $R12=61.6$ $R13=82.2$ $R14=96.2$ $R15=73.8$

Optical Parameter

Luminous flux: 2187.334 lm luminous efficiency: 93.48 lm/w Radiant flux: 6.6104 W

Electrical Parameter

Voltage: 229.9 V Current: 0.131 A Watts: 23.40 W Power factor: 0.773

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