



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

Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1220-BN
Manufacturer : BLED

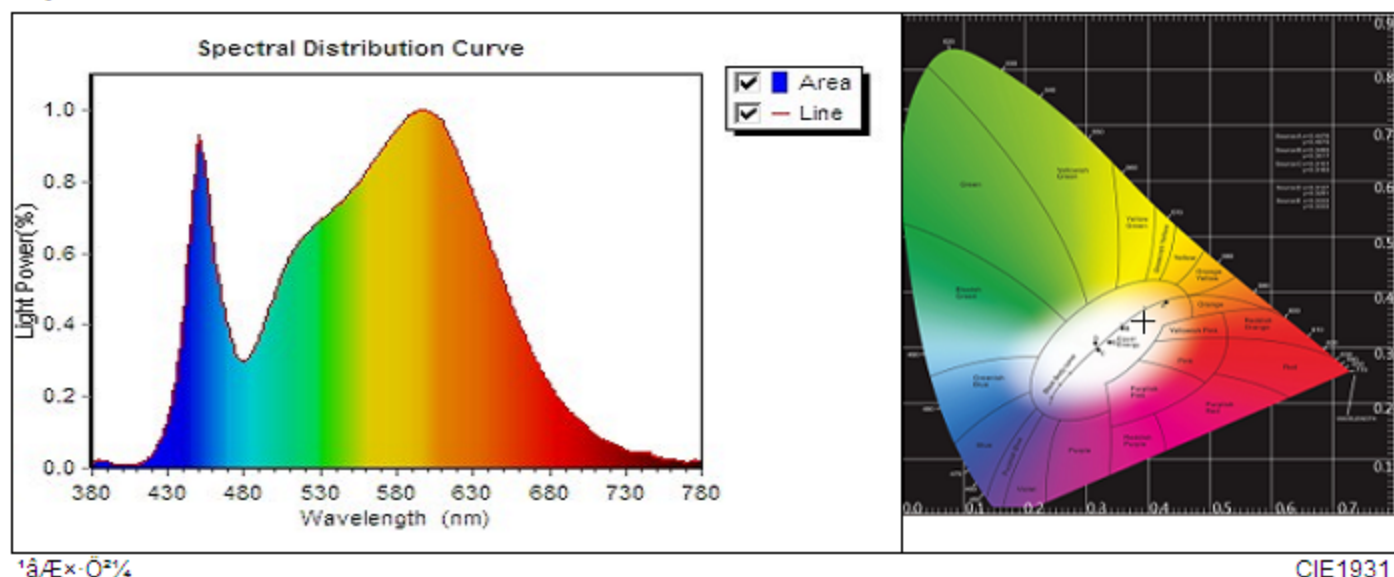
Test date. : 2022-04-11
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 42575 (65.0%)
Integral time. : 327ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3884$ $y=0.3855$ $u=0.2269$ $v=0.3377$ ($duv=0.0018$)
Color temperature: $TC=3856$ K Color difference: $SDCM=4.0$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.146$
Peak wavelength: $\lambda_p=596.3$ nm FWHM: $\Delta\lambda_p=151.0$ nm Color ratio: $R=20.40\%$ $G=76.37\%$ $B=3.23\%$

Color rendering index (Ra): $Ra=84.1$

$R1=82.3$ $R2=90.2$ $R3=96.3$ $R4=83.1$ $R5=82.5$ $R6=86.9$ $R7=86.3$ $R8=64.6$
 $R9=10.1$ $R10=77.2$ $R11=82.7$ $R12=65.5$ $R13=85.0$ $R14=98.2$ $R15=75.5$

Optical Parameter

Luminous flux: 786.48 lm Luminous efficiency: 88.37 lm/w Radiant flux: 2.3841 W

Electrical Parameter

Voltage: 230.6 V Current: 0.042 A Watts: 8.90 W Power factor: 0.903

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