



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B8590-CCT_BN
Manufacturer : BLED

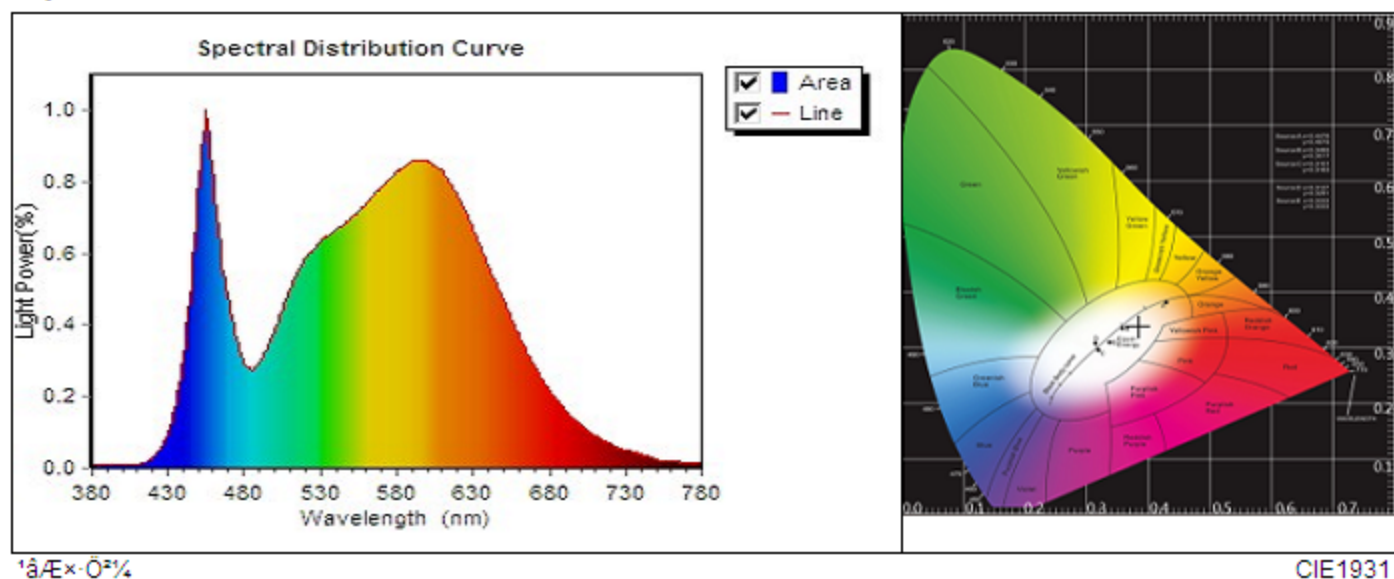
Test date. : 2019-09-13
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 36422 (55.6%)
Integral time. : 41ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3794$ $y=0.3770$ $u=0.2243$ $v=0.3344$ ($duv=0.0004$)
Color temperature: $TC=4030$ K Color difference: $SDCM=1.3$ Main Wavelength: $\lambda_d=484.04$ nm Purity: $Purity=0.172$
Peak wavelength: $\lambda_p=455.0$ nm FWHM: $\Delta\lambda_p=23.3$ nm Color ratio: $R=19.96\%$ $G=76.55\%$ $B=3.49\%$

Color rendering index (Ra): $Ra=84.5$

$R1=83.4$ $R2=91.1$ $R3=95.5$ $R4=82.3$ $R5=82.6$ $R6=86.6$ $R7=86.8$ $R8=67.3$
 $R9=16.9$ $R10=77.6$ $R11=81.0$ $R12=60.3$ $R13=86.2$ $R14=97.7$ $R15=78.0$

Optical Parameter

Luminous flux: 4984.111 lm luminous efficiency: 135.81 lm/w Radiant flux: 15.3271 W

Electrical Parameter

Voltage: 230.3 V Current: 0.164 A Watts: 36.70 W Power factor: 0.966

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