



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT LED
Product No. : B1277-BC
Manufacturer : BLED

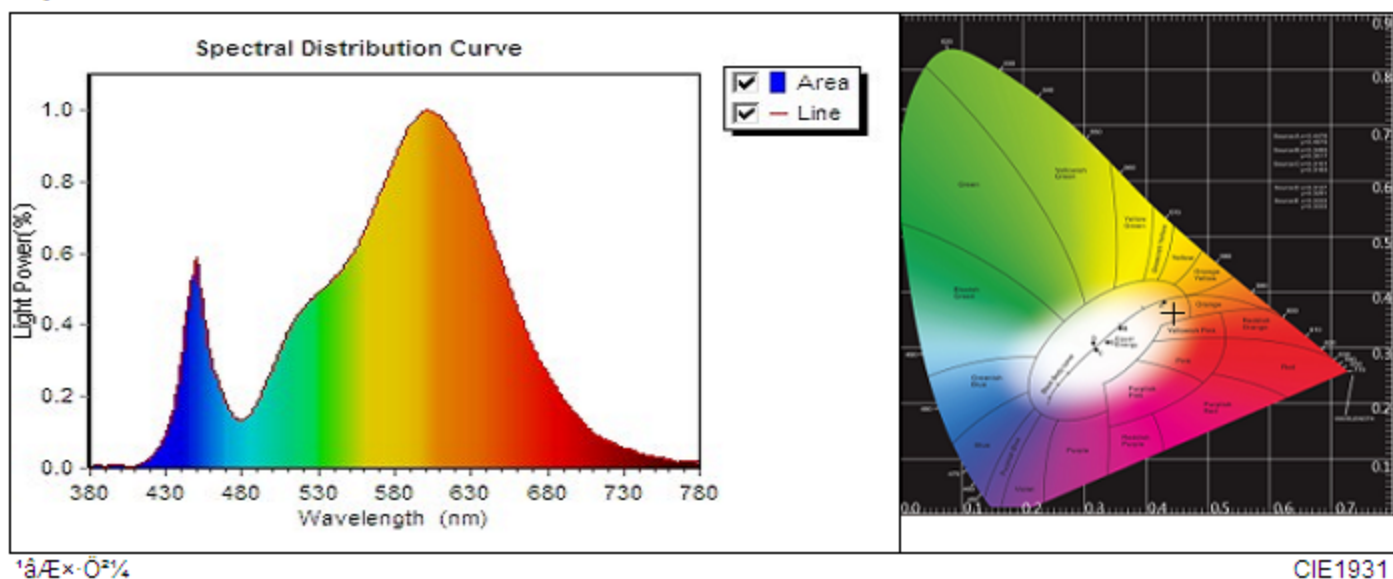
Test date. : 2023-10-16
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230209XMT

Test Condition

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

Humidity : 65%
Peak AD. : 37416 (57.1%)
Integral time. : 169ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4388$ $y=0.3993$ $u=0.2538$ $v=0.3465$ ($duv=-0.0022$)
Color temperature: $TC=2930$ K Color difference: $SDCM=1.6$ Main Wavelength: $\lambda_d=477.02$ nm Purity: $Purity=0.026$
Peak wavelength: $\lambda_p=601.2$ nm FWHM: $\Delta\lambda_p=123.1$ nm Color ratio: $R=25.09\%$ $G=72.93\%$ $B=1.98\%$

Color rendering index (Ra): $Ra=81.3$

$R1=79.6$ $R2=89.5$ $R3=96.1$ $R4=79.5$ $R5=79.8$ $R6=87.1$ $R7=81.4$ $R8=56.7$
 $R9=2.5$ $R10=76.5$ $R11=79.1$ $R12=70.3$ $R13=82.6$ $R14=98.4$ $R15=72.3$

Optical Parameter

Luminous flux: 1220.357 lm luminous efficiency: 85.34 lm/w Radiant flux: 3.7111 W

Electrical Parameter

Voltage: 230.2 V Current: 0.104 A Watts: 14.30 W Power factor: 0.593

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