



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT LED
Product No. : B1276-BC
Manufacturer : BLED

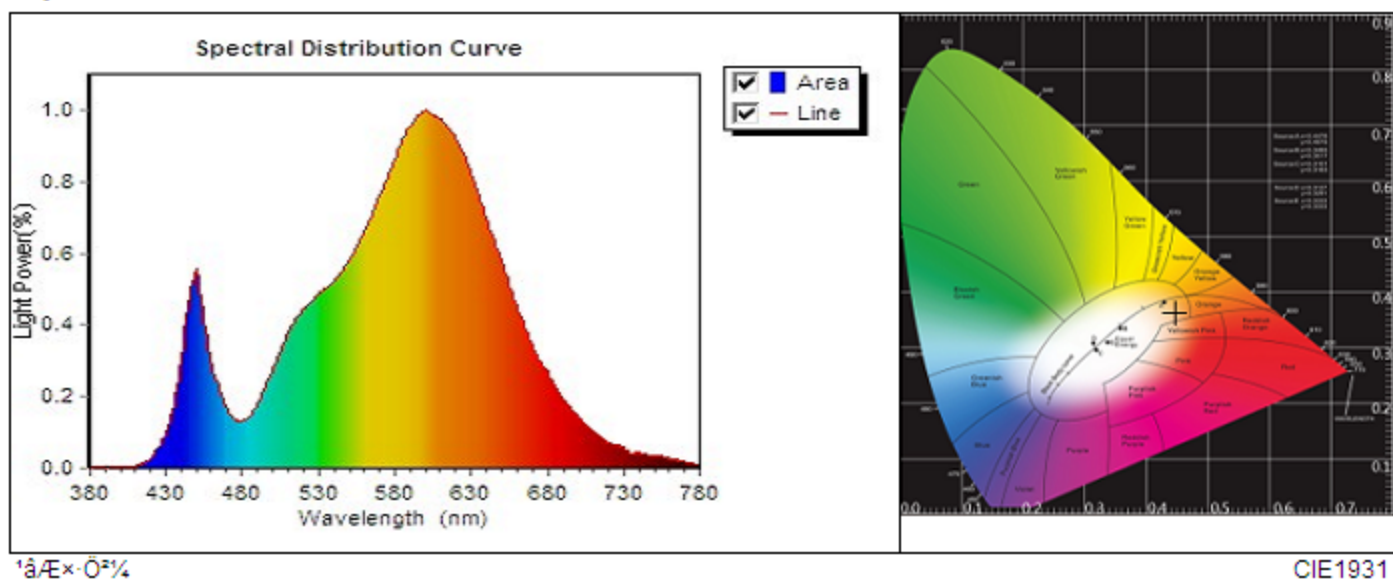
Test date. : 2023-10-16
Test equipment: SPEC2000A Spectrometer
Operator. : BL20230209XMT

Test Condition

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

Humidity : 65%
Peak AD. : 36490 (55.7%)
Integral time. : 327ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4407$ $y=0.4007$ $u=0.2545$ $v=0.3471$ ($duv=-0.0018$)
Color temperature: $TC=2910$ K Color difference: $SDCM=1.5$ Main Wavelength: $\lambda_d=477.05$ nm Purity: $Purity=0.021$
Peak wavelength: $\lambda_p=600.3$ nm FWHM: $\Delta\lambda_p=122.2$ nm Color ratio: $R=25.15\%$ $G=72.93\%$ $B=1.92\%$

Color rendering index (Ra): $Ra=81.1$

$R1=79.3$ $R2=89.3$ $R3=96.2$ $R4=79.3$ $R5=79.5$ $R6=86.8$ $R7=81.4$ $R8=56.4$
 $R9=1.8$ $R10=75.9$ $R11=78.9$ $R12=69.9$ $R13=82.2$ $R14=98.4$ $R15=71.8$

Optical Parameter

Luminous flux: 596.273 lm luminous efficiency: 70.98 lm/w Radiant flux: 1.808 W

Electrical Parameter

Voltage: 230.3 V Current: 0.062 A Watts: 8.40 W Power factor: 0.577

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