



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1725-R-BC
Manufacturer : BLED

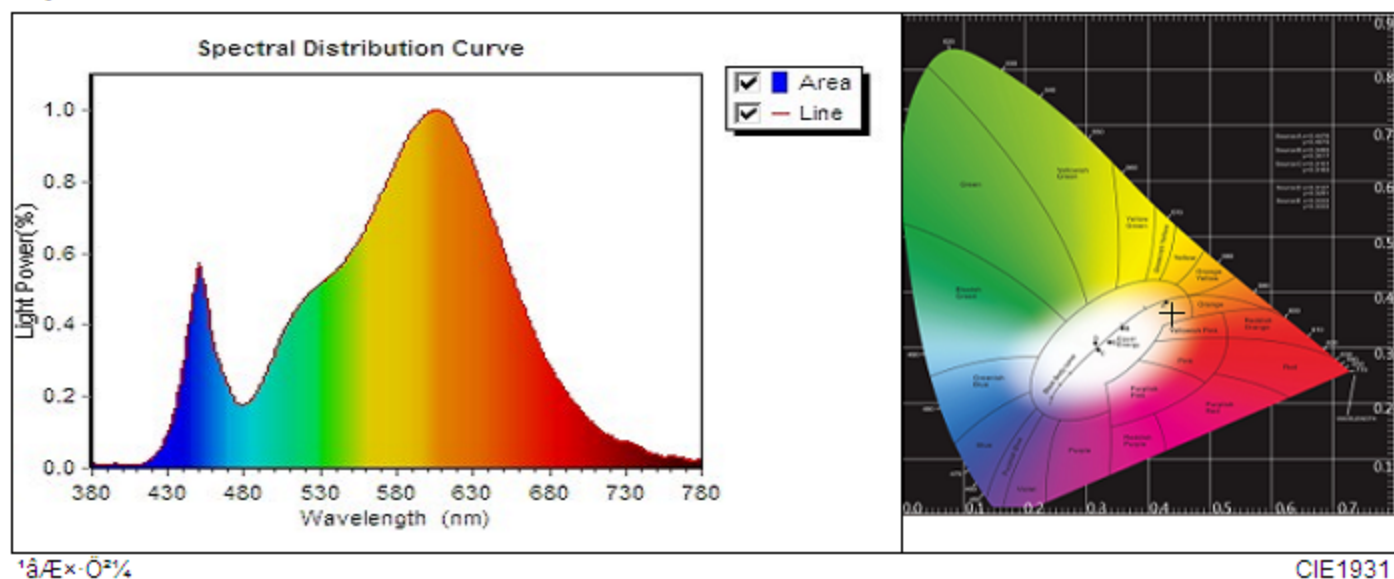
Test date. : 2019-09-13
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 59819 (91.3%)
Integral time. : 160ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4336$ $y=0.3982$ $u=0.2510$ $v=0.3457$ ($duv=-0.0019$)
Color temperature: $TC=3008K$ Color difference: $SDCM=3.2$ Main Wavelength: $\lambda_d=481.04nm$ Purity: $Purity=0.037$
Peak wavelength: $\lambda_p=605.8nm$ FWHM: $\Delta\lambda_p=133.8nm$ Color ratio: $R=24.97\%$ $G=72.76\%$ $B=2.27\%$

Color rendering index (Ra): $Ra=84.3$

$R1=83.2$ $R2=91.7$ $R3=96.5$ $R4=83.0$ $R5=83.5$ $R6=90.1$ $R7=83.6$ $R8=62.1$
 $R9=14.5$ $R10=81.2$ $R11=83.3$ $R12=74.8$ $R13=85.9$ $R14=98.8$ $R15=76.3$

Optical Parameter

Luminous flux: 1912.182 lm luminous efficiency: 100.11 lm/w Radiant flux: 5.9492 W

Electrical Parameter

Voltage: 230.1 V Current: 0.146 A Watte: 19.10 W Power factor: 0.567

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