



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : PANEL
Product No. : B5235-BN-UGR18-PANEL
Manufacturer : BLED

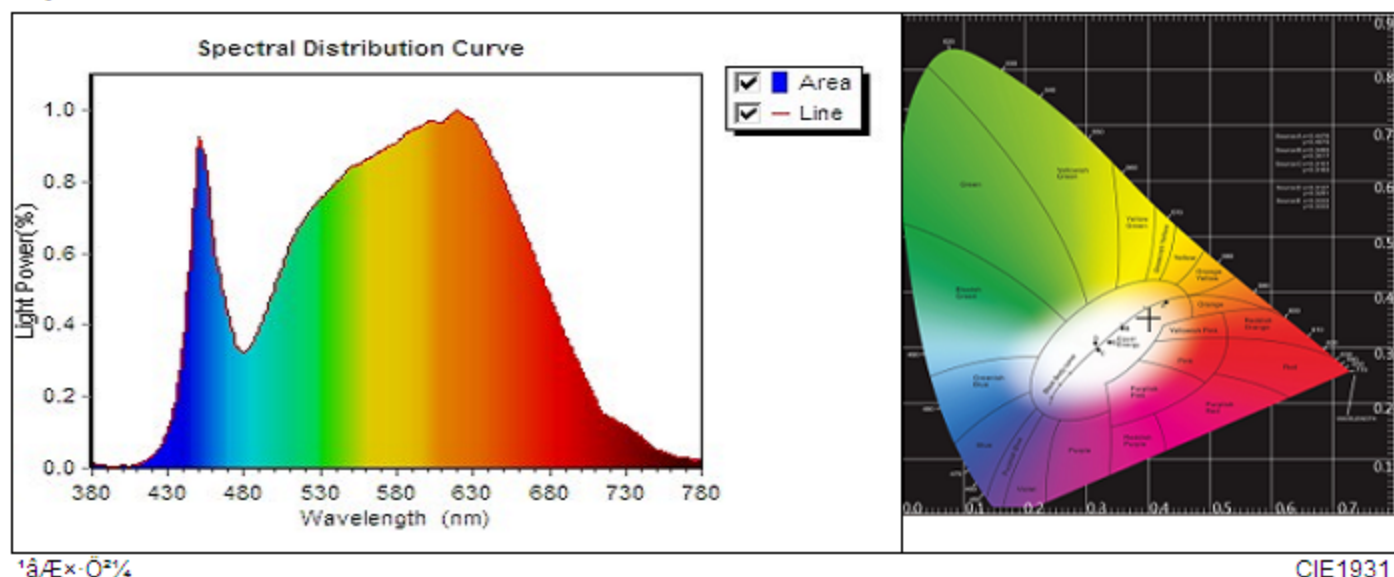
Test date. : 2026-09-15
Test equipment : SPEC2000A Spectrometer
Operator. :

Test Condition

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

Humidity : 65%
Peak AD. : 51636 (78.8%)
Integral time. : 98ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3953$ $y=0.3900$ $u=0.2295$ $v=0.3396$ ($duv=0.0020$)
Color temperature: $TC=3723$ K Color difference: $SDCM=7.3$ Main Wavelength: $\lambda_d=486.01$ nm Purity: $Purity=0.129$
Peak wavelength: $\lambda_p=619.5$ nm FWHM: $\Delta\lambda_p=179.8$ nm Color ratio: $R=21.68\%$ $G=75.11\%$ $B=3.20\%$

Color rendering index (Ra): $Ra=91.1$

$R1=90.8$ $R2=93.4$ $R3=94.5$ $R4=91.3$ $R5=89.7$ $R6=90.1$ $R7=94.3$ $R8=84.0$
 $R9=58.7$ $R10=83.3$ $R11=90.7$ $R12=69.0$ $R13=91.7$ $R14=96.5$ $R15=88.0$

Optical Parameter

Luminous flux: 4383.498 lm luminous efficiency: 99.85 lm/w Radiant flux: 12.2125 W

Electrical Parameter

Voltage: 230.5 V Current: 0.182 A Watts: 43.90 W Power factor: 0.972

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