



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : CAMPANA
Product No. : B8140-150W-BN
Manufacturer : BLED

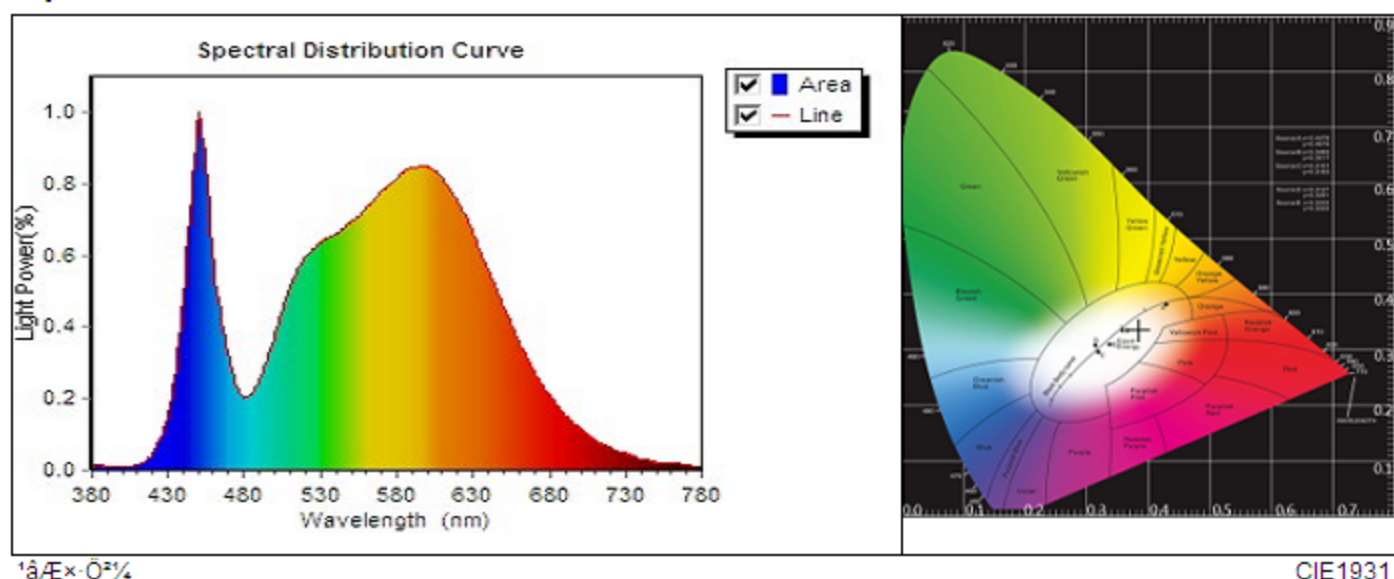
Test date. : 2024-04-30
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 52794 (80.6%)
Integral time. : 21ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3791$ $y=0.3748$ $u=0.2250$ $v=0.3337$ ($duv=-0.0006$)
Color temperature: $TC=4022$ K Color difference: $SDCM=2.3$ Main Wavelength: $\lambda_d=484.05$ nm Purity: $Purity=0.174$
Peak wavelength: $\lambda_p=450.6$ nm FWHM: $\Delta\lambda_p=21.6$ nm Color ratio: $R=19.92\%$ $G=77.08\%$ $B=3.00\%$

Color rendering index (Ra): $Ra=83.4$

$R1=82.3$ $R2=88.2$ $R3=92.5$ $R4=83.5$ $R5=82.1$ $R6=83.4$ $R7=87.0$ $R8=67.5$
 $R9=14.4$ $R10=71.7$ $R11=82.8$ $R12=60.5$ $R13=84.2$ $R14=95.7$ $R15=77.1$

Optical Parameter

Luminous flux: 15519.87 lm luminous efficiency: 97.98 lm/w Radiant flux: 47.5518 W

Electrical Parameter

Voltage: 230.8 V Current: 0.695 A Watts: 158.40 W Power factor: 0.986

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