



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

Spectral test report for lamp

Product type : PLAFÓN LED ESTANCO
Product No. : B1725-R-CCT (BC)
Manufacturer : BLED

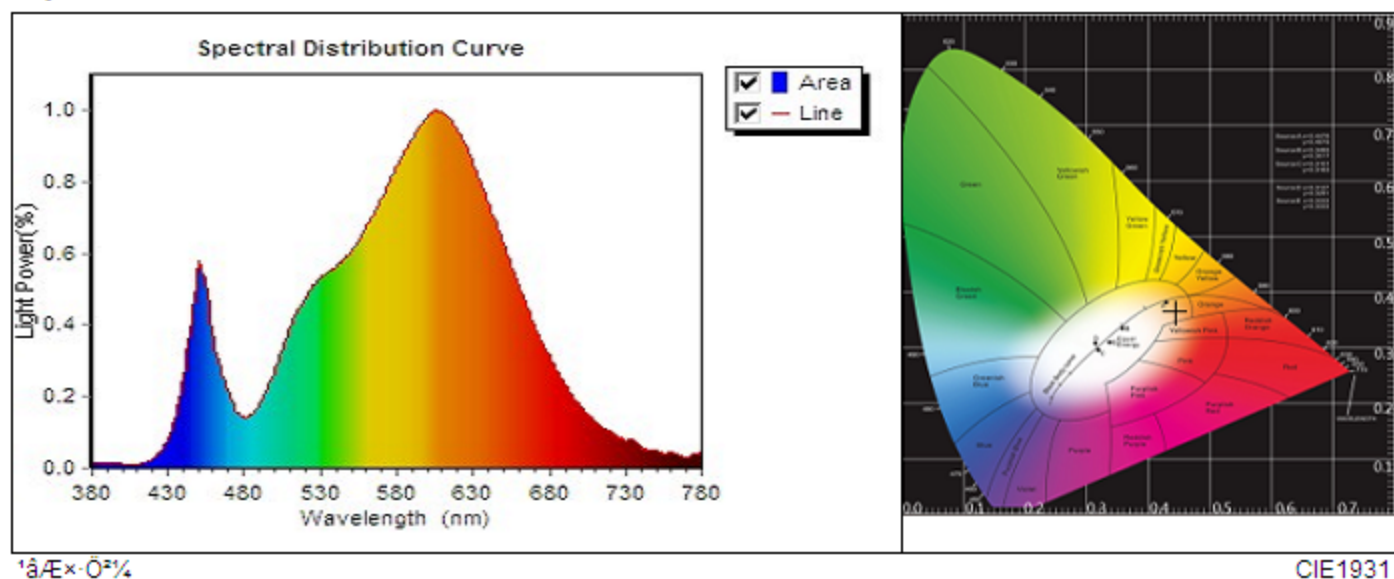
Test date. : 2024-08-28
Test equipment: SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 32699 (49.9%)
Integral time. : 109ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4373$ $y=0.4012$ $u=0.2520$ $v=0.3469$ ($duv=-0.0012$)
Color temperature: $TC=2971$ K Color difference: $SDCM=1.4$ Main Wavelength: $\lambda_d=482.04$ nm Purity: $Purity=0.027$
Peak wavelength: $\lambda_p=606.0$ nm FWHM: $\Delta\lambda_p=137.3$ nm Color ratio: $R=25.21\%$ $G=72.79\%$ $B=2.01\%$

Color rendering index (Ra): $Ra=84.1$

$R1=83.1$ $R2=90.6$ $R3=96.3$ $R4=83.2$ $R5=82.7$ $R6=88.1$ $R7=84.8$ $R8=63.5$
 $R9=16.5$ $R10=77.8$ $R11=82.9$ $R12=69.2$ $R13=85.5$ $R14=97.8$ $R15=76.6$

Optical Parameter

Luminous flux: 1767.983 lm luminous efficiency: 98.77 lm/w Radiant flux: 5.5331 W

Electrical Parameter

Voltage: 230.3 V Current: 0.127 A Watts: 17.90 W Power factor: 0.609

MEASUREFINE

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