



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

Spectral test report for lamp

Product type : APLIQUE
Product No. : LE204
Manufacturer : BLED

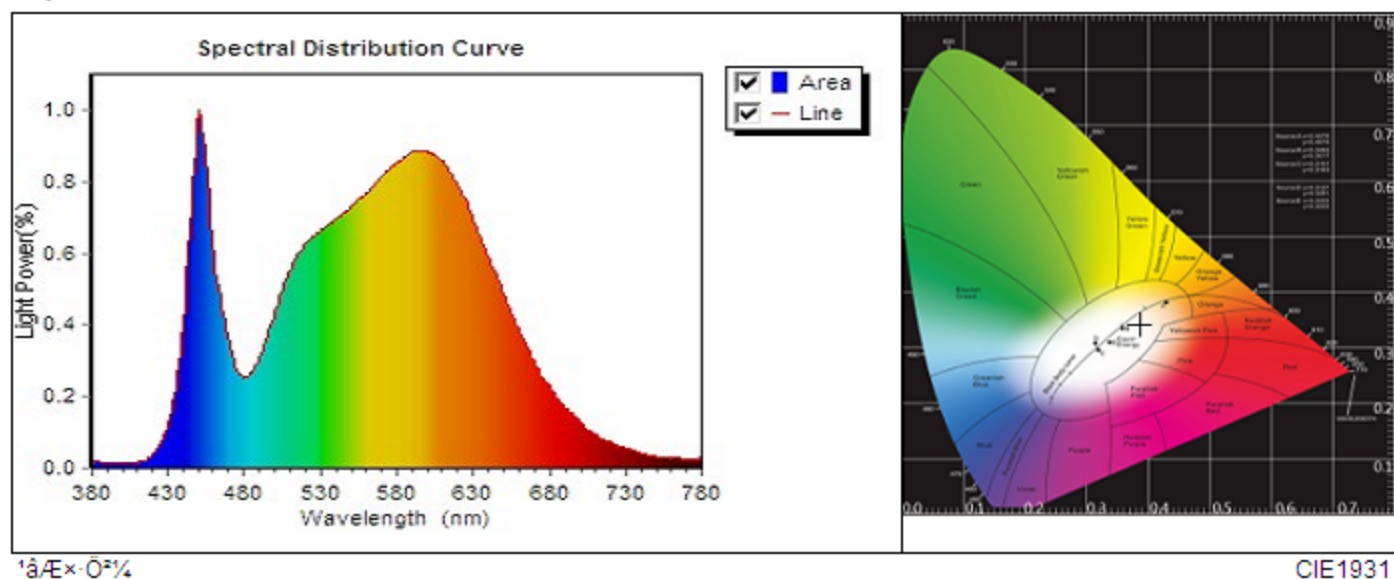
Test date. : 2021-10-07
Test equipment : SPEC2000A Spectrometer
Operator : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 49664 (75.8%)
Integral time. : 667ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3814$ $y=0.3812$ $u=0.2240$ $v=0.3358$ ($duv=0.0018$)
Color temperature: $TC=4008$ K Color difference: $SDCM=0.6$ Main Wavelength: $\lambda_d=485.04$ nm Purity: $Purity=0.165$
Peak wavelength: $\lambda_p=450.9$ nm FWHM: $\Delta\lambda_p=21.4$ nm Color ratio: $R=19.89\%$ $G=76.93\%$ $B=3.18\%$

Color rendering index (Ra): $Ra=84.2$

$R1=82.7$ $R2=89.3$ $R3=94.5$ $R4=83.9$ $R5=82.5$ $R6=85.1$ $R7=87.8$ $R8=67.8$
 $R9=15.6$ $R10=74.5$ $R11=83.2$ $R12=61.3$ $R13=84.9$ $R14=96.9$ $R15=76.9$

Optical Parameter

Luminous flux: 414.498 lm luminous efficiency: 75.36 lm/w Radiant flux: 1.2712 W

Electrical Parameter

Voltage: 230.5 V Current: 0.040 A Watts: 5.50 W Power factor: 0.581

MEASUREFINE

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