



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

Spectral test report for lamp

Product type : LED TRACK LIGHT
Product No. : L6007-CCT-N_L_WW
Manufacturer : BLED

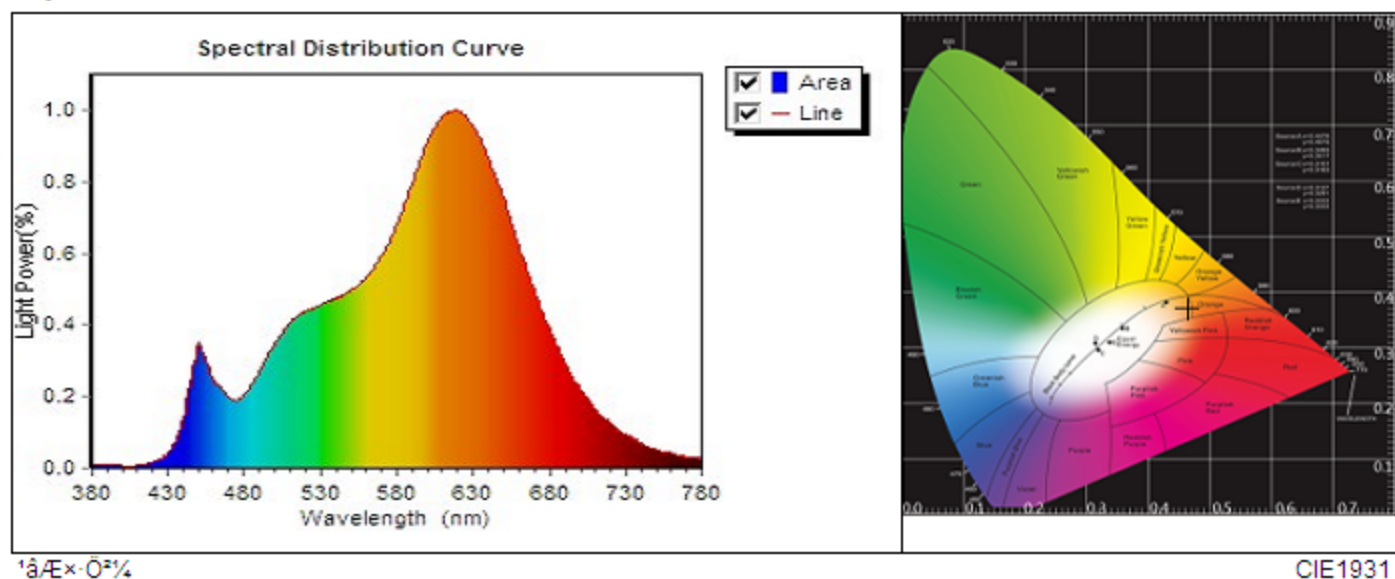
Test date. : 2023-09-22
Test equipment: SPEC2000A Spectrometer
Operator. : OBS230513J2

Test Condition

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

Humidity : 65%
Peak AD. : 48490 (74.0%)
Integral time. : 153ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4578$ $y=0.4072$ $u=0.2627$ $v=0.3505$ ($duv=-0.0011$)
Color temperature: $TC=2702$ K Color difference: $SDCM=5.6$ Main Wavelength: $\lambda_d=490.02$ nm Purity: $Purity=0.025$
Peak wavelength: $\lambda_p=618.6$ nm FWHM: $\Delta\lambda_p=118.9$ nm Color ratio: $R=29.01\%$ $G=68.52\%$ $B=2.47\%$

Color rendering index (Ra): $Ra=93.5$

$R1=96.9$ $R2=99.0$ $R3=95.1$ $R4=97.7$ $R5=98.4$ $R6=93.2$ $R7=88.7$ $R8=78.4$
 $R9=55.1$ $R10=97.9$ $R11=96.5$ $R12=90.7$ $R13=99.2$ $R14=98.1$ $R15=89.5$

Optical Parameter

Luminous flux: 1886.171 lm luminous efficiency: 79.25 lm/w Radiant flux: 6.4083 W

Electrical Parameter

Voltage: 230.4 V Current: 0.114 A Watts: 23.80 W Power factor: 0.900

MEASUREFINE

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