



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TRACK LIGHT
Product No. : B00591-B-CCT_WW
Manufacturer : BL20220325HT

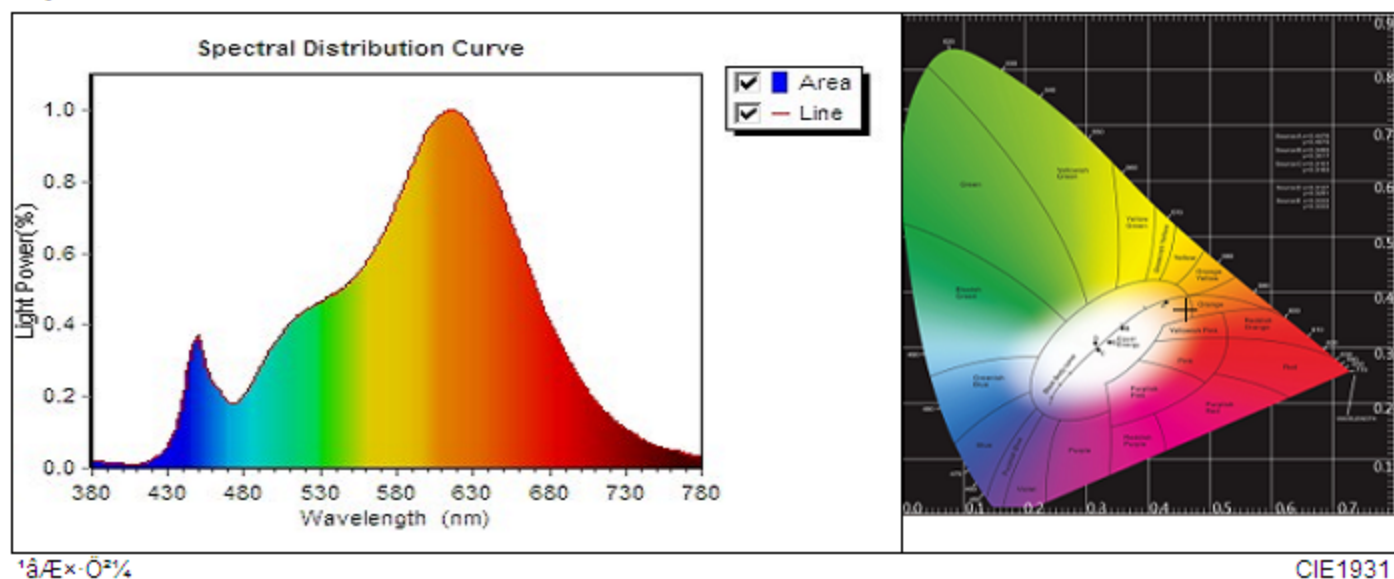
Test date. : 2022-09-12
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 36202 (55.2%)
Integral time. : 66ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4545$ $y=0.4061$ $u=0.2611$ $v=0.3499$ ($duv=-0.0012$)
Color temperature: $TC=2741$ K Color difference: $SDCM=6.3$ Main Wavelength: $\lambda_d=491.93$ nm Purity: $Purity=0.017$
Peak wavelength: $\lambda_p=615.9$ nm FWHM: $\Delta\lambda_p=128.2$ nm Color ratio: $R=28.08\%$ $G=69.51\%$ $B=2.41\%$

Color rendering index (Ra): $Ra=91.6$

$R1=92.8$ $R2=98.2$ $R3=95.6$ $R4=93.4$ $R5=94.2$ $R6=96.6$ $R7=87.6$ $R8=74.3$
 $R9=45.7$ $R10=96.5$ $R11=96.9$ $R12=92.8$ $R13=95.2$ $R14=98.3$ $R15=85.8$

Optical Parameter

Luminous flux: 3218.692 lm luminous efficiency: 74.33 lm/w Radiant flux: 10.9532 W

Electrical Parameter

Voltage: 230.5 V Current: 0.195 A Watts: 43.30 W Power factor: 0.961

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