



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

Spectral test report for lamp

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

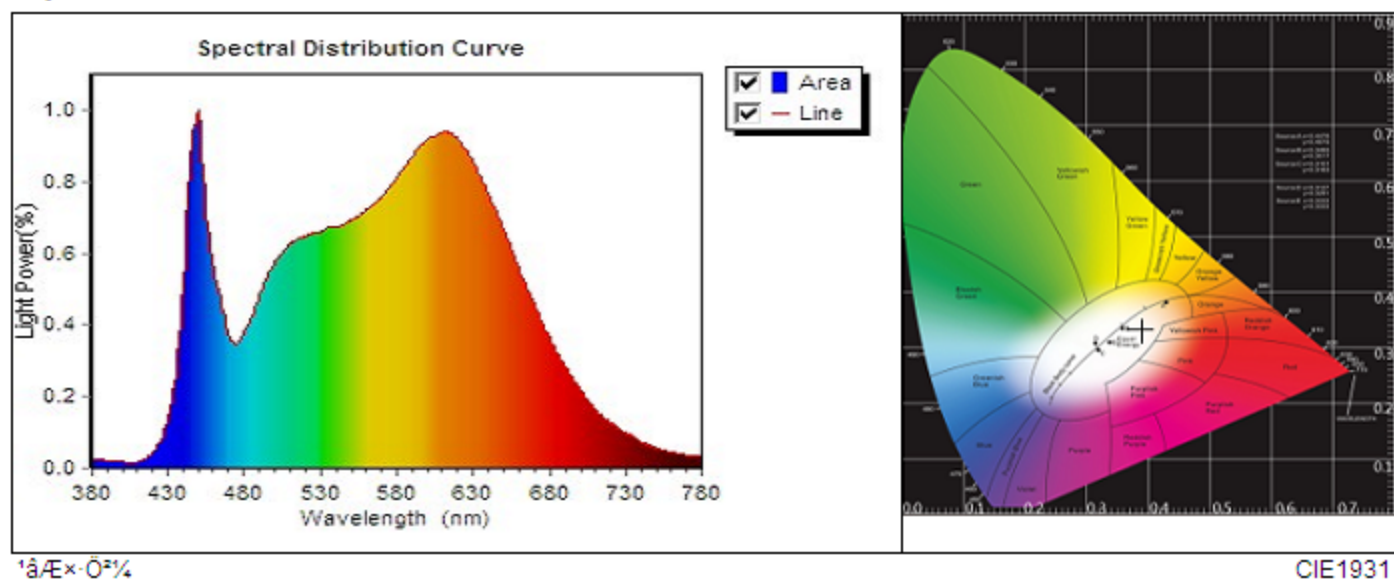
Test date. : 2022-09-12
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 35614 (54.3%)
Integral time. : 66ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3834$ $y=0.3710$ $u=0.2294$ $v=0.3330$ ($duv=-0.0035$)
Color temperature: $TC=3876$ K Color difference: $SDCM=6.2$ Main Wavelength: $\lambda_d=483.07$ nm Purity: $Purity=0.168$
Peak wavelength: $\lambda_p=448.5$ nm FWHM: $\Delta\lambda_p=22.0$ nm Color ratio: $R=22.25\%$ $G=73.79\%$ $B=3.96\%$

Color rendering index (Ra): $Ra=94.8$

$R1=96.2$ $R2=98.4$ $R3=98.2$ $R4=96.2$ $R5=96.8$ $R6=95.6$ $R7=92.3$ $R8=84.5$
 $R9=63.4$ $R10=96.5$ $R11=96.7$ $R12=84.0$ $R13=97.6$ $R14=99.6$ $R15=92.7$

Optical Parameter

Luminous flux: 3645.817 lm luminous efficiency: 88.49 lm/w Radiant flux: 12.3943 W

Electrical Parameter

Voltage: 230.4 V Current: 0.186 A Watts: 41.20 W Power factor: 0.958

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