



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

Spectral test report for lamp

Product type : TIRALED
Product No. : B1540-270
Manufacturer : BLED

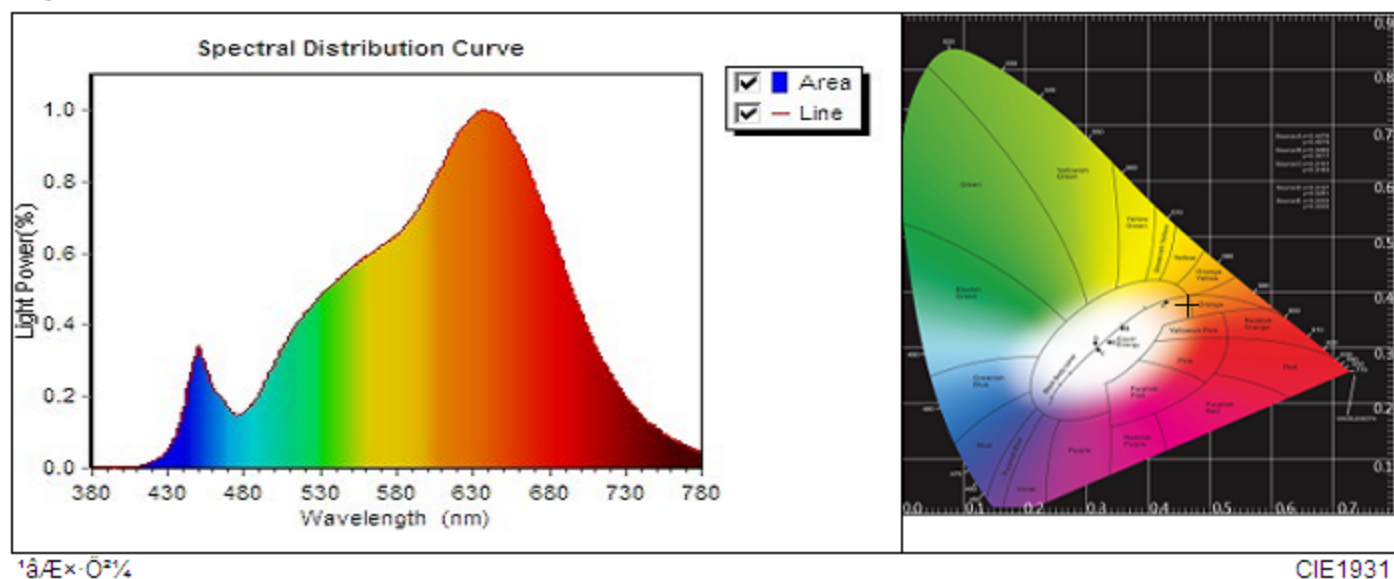
Test date. : 2022-11-08
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 43972 (67.1%)
Integral time. : 40ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4573$ $y=0.4126$ $u=0.2599$ $v=0.3518$ ($duv=0.0010$)
Color temperature: $TC=2752$ K Color difference: $SDCM=3.7$ Main Wavelength: $\lambda_d=586.04$ nm Purity: $Purity=0.096$
Peak wavelength: $\lambda_p=636.8$ nm FWHM: $\Delta\lambda_p=160.7$ nm Color ratio: $R=28.02\%$ $G=69.92\%$ $B=2.06\%$

Color rendering index (Ra): $Ra=97.1$

$R1=99.1$ $R2=97.3$ $R3=93.4$ $R4=97.4$ $R5=98.0$ $R6=96.4$ $R7=98.1$ $R8=97.1$
 $R9=90.7$ $R10=92.2$ $R11=96.2$ $R12=85.8$ $R13=98.7$ $R14=95.2$ $R15=97.7$

Optical Parameter

Luminous flux: 163.097 lm Luminous efficiency: 95.94 lm/w Radiant flux: 0.629 W

Electrical Parameter

Voltage: 230.8 V Current: 0.008 A Watts: 1.70 W Power factor: 0.862

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