



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : BOMBILLALED T140
Product No. : BS1-T140E27-BC
Manufacturer : BLED

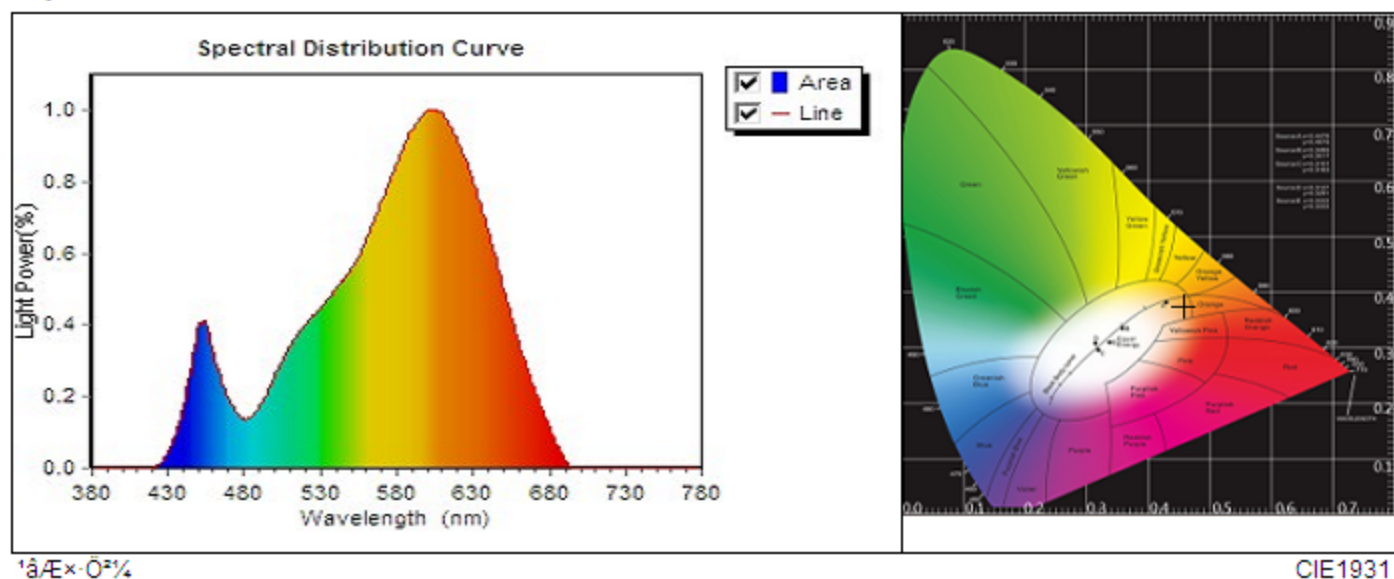
Test date. : 2024-09-24
Test equipment: SPEC2000A Spectrometer
Operator. : VICTOR

Test Condition

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

Humidity : 65%
Peak AD. : 35049 (53.5%)
Integral time. : 42ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4516$ $y=0.4112$ $u=0.2569$ $v=0.3509$ ($duv=0.0010$)
Color temperature: $TC=2824$ K Color difference: $SDCM=5.8$ Main Wavelength: $\lambda_d=578.02$ nm Purity: $Purity=0.053$
Peak wavelength: $\lambda_p=603.5$ nm FWHM: $\Delta\lambda_p=110.2$ nm Color ratio: $R=25.54\%$ $G=72.58\%$ $B=1.88\%$

Color rendering index (Ra): $Ra=78.5$

$R1=76.4$ $R2=88.8$ $R3=95.8$ $R4=75.6$ $R5=76.4$ $R6=86.6$ $R7=78.9$ $R8=49.3$
 $R9=-13.5$ $R10=74.8$ $R11=74.4$ $R12=65.6$ $R13=80.0$ $R14=98.4$ $R15=67.2$

Optical Parameter

Luminous flux: 4070.968 lm luminous efficiency: 82.24 lm/w Radiant flux: 11.2198 W

Electrical Parameter

Voltage: 240.3 V Current: 0.215 A Watts: 49.50 W Power factor: 0.955

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