



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LED MAGNETIC LAMP
Product No. : LCM-8W-ZOOM-N-BC
Manufacturer : BLED

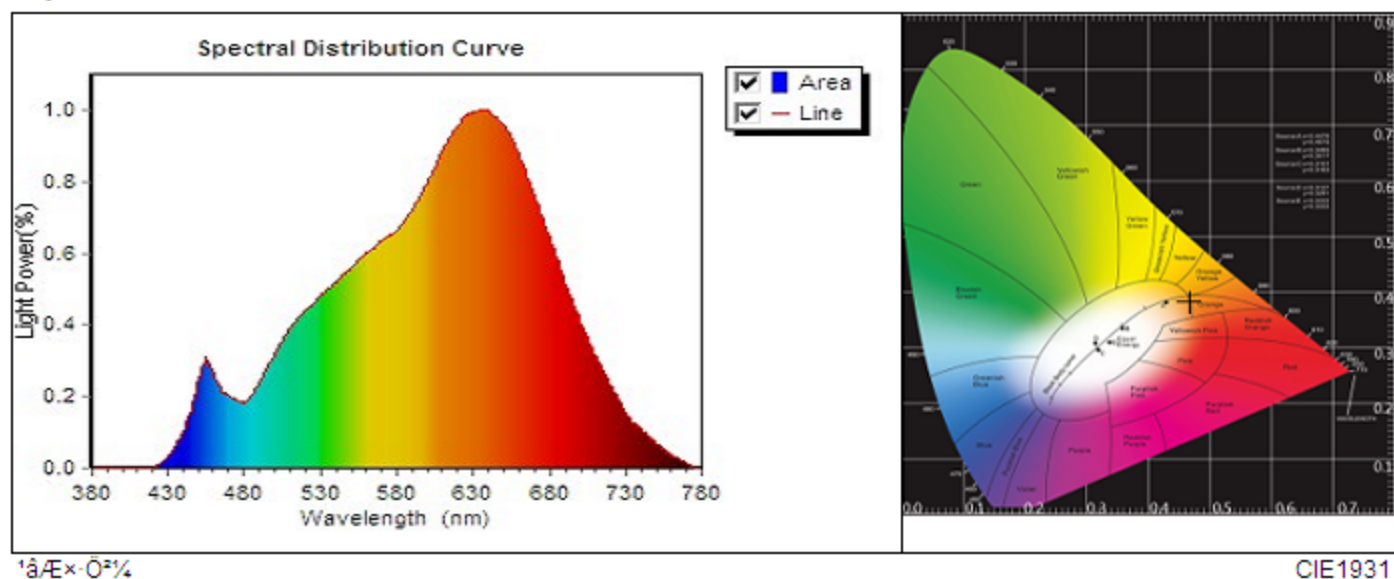
Test date. : 2023-07-19
Test equipment : SPEC2000A Spectrometer
Operator. : BL20230103HT

Test Condition

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

Humidity : 65%
Peak AD. : 54619 (83.3%)
Integral time. : 857ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4610$ $y=0.4182$ $u=0.2599$ $v=0.3536$ ($duv=0.0027$)
Color temperature: $TC=2742$ K Color difference: $SDCM=1.1$ Main Wavelength: $\lambda_d=580.07$ nm Purity: $Purity=0.169$
Peak wavelength: $\lambda_p=636.3$ nm FWHM: $\Delta\lambda_p=157.1$ nm Color ratio: $R=28.11\%$ $G=69.68\%$ $B=2.22\%$

Color rendering index (Ra): $Ra=97.6$

$R1=98.6$ $R2=98.2$ $R3=96.2$ $R4=98.9$ $R5=97.8$ $R6=98.4$ $R7=97.9$ $R8=94.4$
 $R9=85.5$ $R10=94.5$ $R11=98.5$ $R12=85.4$ $R13=98.7$ $R14=96.8$ $R15=95.9$

Optical Parameter

Luminous flux: 398.814 lm luminous efficiency: 56.97 lm/w Radiant flux: 1.477 W

Electrical Parameter

Voltage: 230.3 V Current: 0.062 A Watts: 7.00 W Power factor: 0.489

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