



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT EMPOTRABLE
Product No. : BH25-6W-CCT-TRIAC-CR (BN)
Manufacturer : BLED

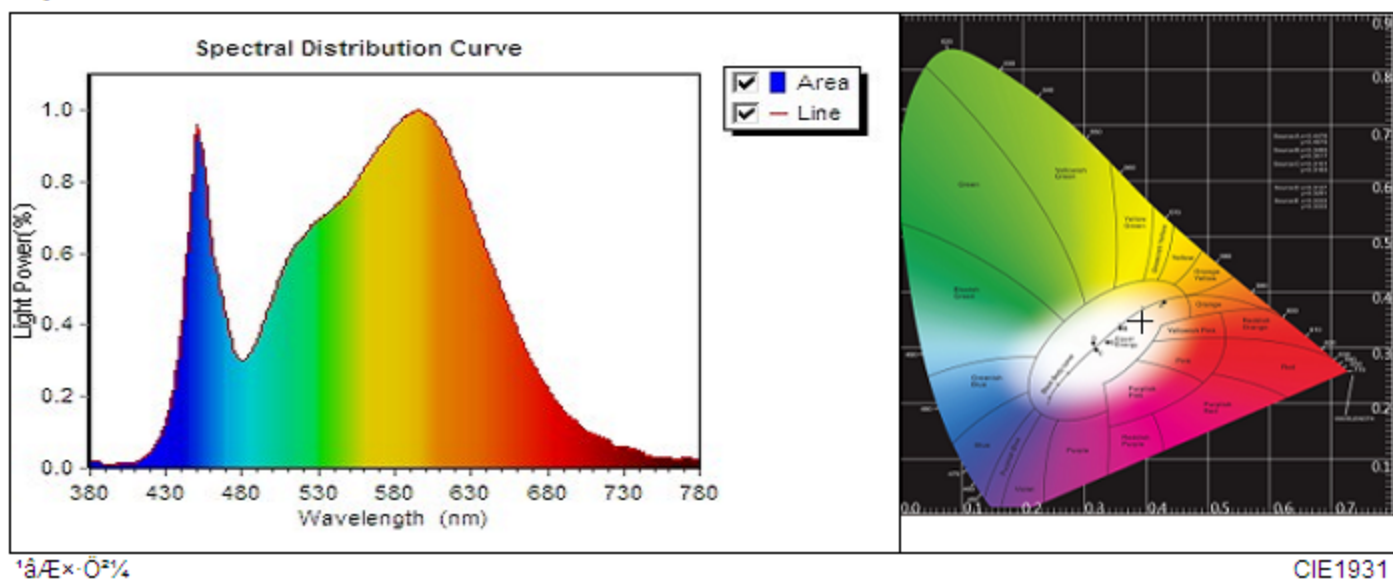
Test date. : 2024-08-27
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

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

Humidity : 65%
Peak AD. : 42423 (64.7%)
Integral time. : 399ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3861$ $y=0.3856$ $u=0.2253$ $v=0.3375$ ($duv=0.0025$)
Color temperature: $TC=3917$ K Color difference: $SDCM=2.9$ Main Wavelength: $\lambda_d=486.03$ nm Purity: $Purity=0.153$
Peak wavelength: $\lambda_p=594.9$ nm FWHM: $\Delta\lambda_p=148.3$ nm Color ratio: $R=19.92\%$ $G=76.82\%$ $B=3.26\%$

Color rendering index (Ra): $Ra=82.8$

$R1=80.6$ $R2=89.4$ $R3=96.1$ $R4=81.2$ $R5=80.8$ $R6=85.7$ $R7=85.5$ $R8=62.3$
 $R9=3.4$ $R10=75.4$ $R11=80.4$ $R12=62.6$ $R13=83.5$ $R14=98.2$ $R15=73.5$

Optical Parameter

Luminous flux: 639.406 lm Luminous efficiency: 116.26 lm/w Radiant flux: 1.928 W

Electrical Parameter

Voltage: 230.7 V Current: 0.026 A Watts: 5.50 W Power factor: 0.914

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