



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

Spectral test report for lamp

Product type : TIRA
Product No. : B1546-IP20_R
Manufacturer : BLED

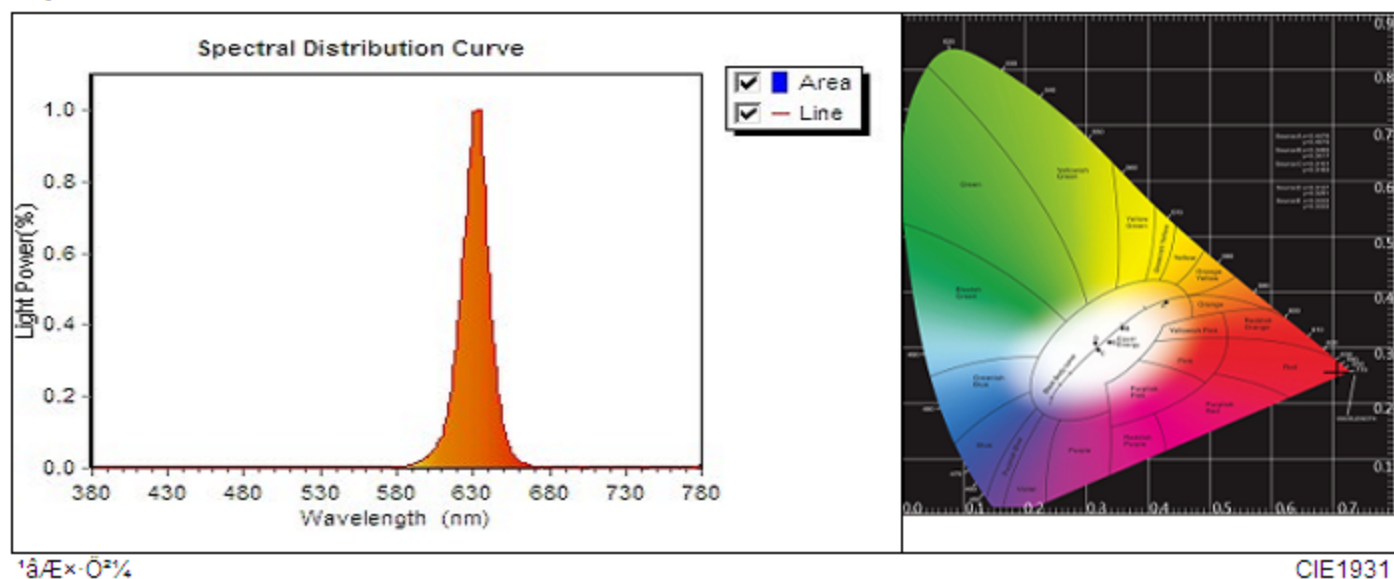
Test date. : 2019-06-07
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 30526 (46.6%)
Integral time. : 110ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6969$ $y=0.3015$ $u=0.5336$ $v=0.3463$ ($duv=-0.0859$)
Color temperature: $TC=1000$ K Color difference: $SDCM=195.4$ Main Wavelength: $\lambda_d=493.94$ nm Purity: $Purity=0.639$
Peak wavelength: $\lambda_p=632.6$ nm FWHM: $\Delta\lambda_p=18.6$ nm Color ratio: $R=96.50\%$ $G=3.46\%$ $B=0.04\%$

Color rendering index (Ra): $Ra=22.2$

$R1=15.4$ $R2=81.8$ $R3=38.0$ $R4=-12.3$ $R5=12.9$ $R6=93.7$ $R7=9.9$ $R8=-62.1$
 $R9=-211.0$ $R10=76.2$ $R11=3.5$ $R12=76.9$ $R13=46.6$ $R14=64.5$ $R15=-25.4$

Optical Parameter

Luminous flux: 3.561 lm luminous efficiency: 8.24 lm/w Radiant flux: 0.0194 W

Electrical Parameter

Voltage: 12.0 V Current: 0.036 A Watto: 0.432 W Power factor: 1.000

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