



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON
Product No. : N1018-10M-BF
Manufacturer : Medidas 100mm

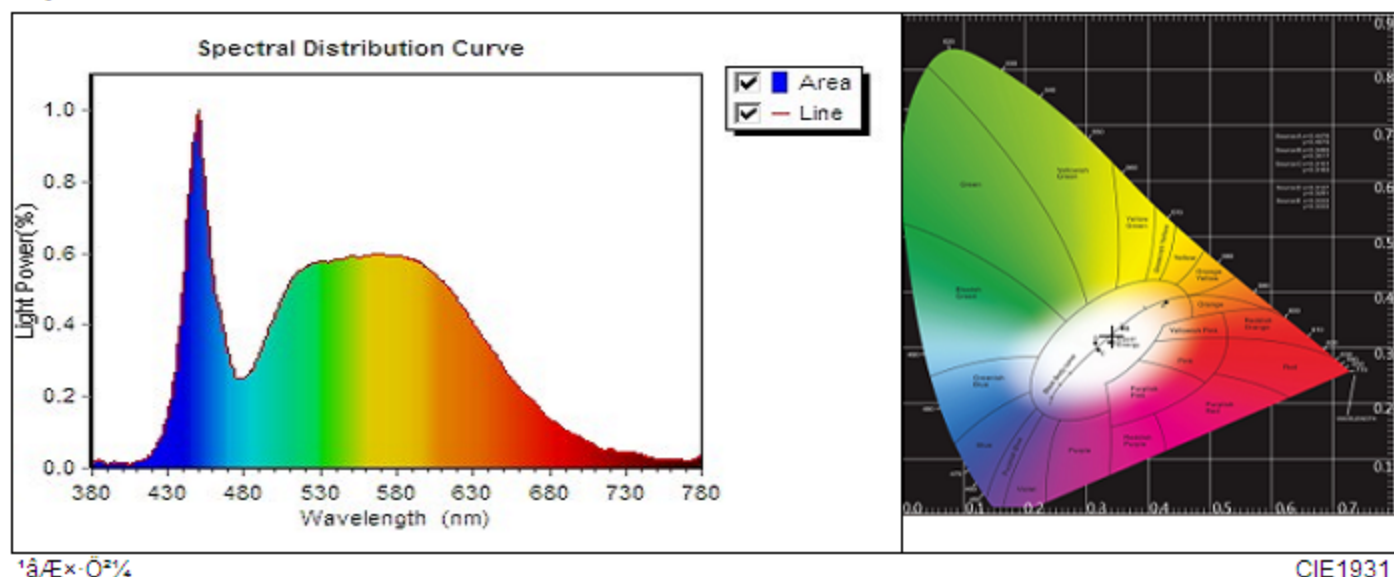
Test date. : 2022-08-24
Test equipment: SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 33975 (51.8%)
Integral time. : 160ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.3374$ $y=0.3611$ $u=0.2027$ $v=0.3254$ ($duv=0.0078$)
Color temperature: $TC=5316$ K Color difference: $SDCM=7.2$ Main Wavelength: $\lambda_d=485.05$ nm Purity: $Purity=0.277$
Peak wavelength: $\lambda_p=449.2$ nm FWHM: $\Delta\lambda_p=21.2$ nm Color ratio: $R=15.95\%$ $G=79.88\%$ $B=4.16\%$

Color rendering index (Ra): $Ra=82.9$

$R1=80.5$ $R2=86.6$ $R3=92.3$ $R4=83.4$ $R5=81.6$ $R6=82.5$ $R7=87.7$ $R8=68.2$
 $R9=6.5$ $R10=69.5$ $R11=83.3$ $R12=63.5$ $R13=82.7$ $R14=96.0$ $R15=74.4$

Optical Parameter

Luminous flux: 25.39 lm luminous efficiency: 23.0 lm/w Radiant flux: 0.0799 W

Electrical Parameter

Voltage: 23.99 V Current: 0.046 A Watts: 1.104 W Power factor: 1.000

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