



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : NEON
Product No. : N1018-10M-270
Manufacturer : Medidas 100mm

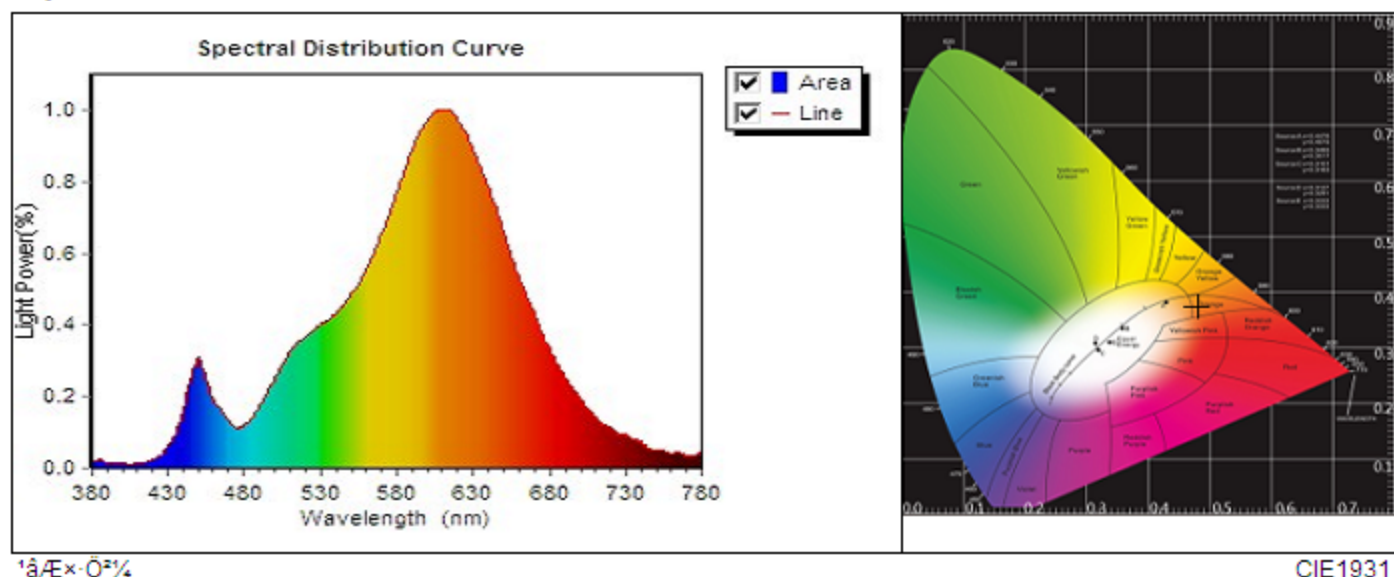
Test date. : 2022-08-24
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 35148 (53.6%)
Integral time. : 160ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4730$ $y=0.4115$ $u=0.2706$ $v=0.3531$ ($duv=-0.0006$)
Color temperature: $TC=2534$ K Color difference: $SDCM=9.7$ Main Wavelength: $\lambda_d=601.04$ nm Purity: $Purity=0.133$
Peak wavelength: $\lambda_p=611.5$ nm FWHM: $\Delta\lambda_p=110.3$ nm Color ratio: $R=28.87\%$ $G=69.43\%$ $B=1.70\%$

Color rendering index (Ra): $Ra=84.1$

$R1=83.1$ $R2=92.9$ $R3=95.1$ $R4=83.1$ $R5=83.9$ $R6=93.5$ $R7=81.7$ $R8=58.9$
 $R9=13.4$ $R10=85.0$ $R11=84.8$ $R12=82.6$ $R13=86.3$ $R14=98.1$ $R15=74.7$

Optical Parameter

Luminous flux: 24.603 lm Luminous efficiency: 22.29 lm/w Radiant flux: 0.0794 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>