



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : TIRALED
Product No. : NWS0412-48V-20M-BC (7CM)
Manufacturer : BLED

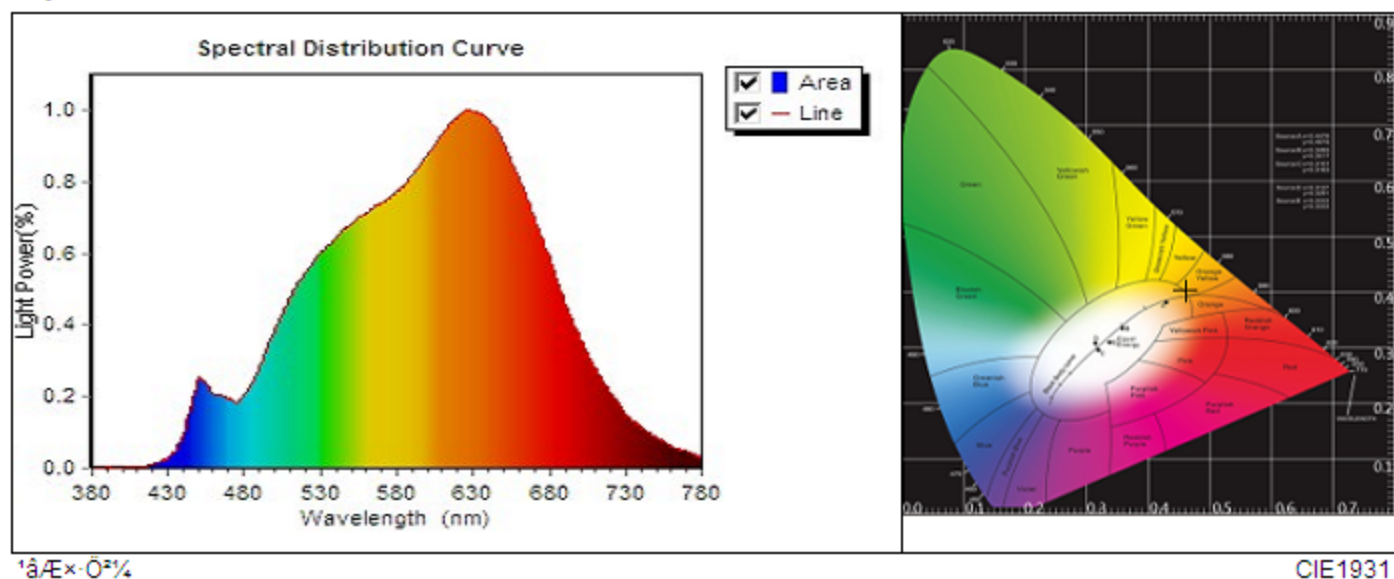
Test date. : 2024-04-29
Test equipment : SPEC2000A Spectrometer
Operator. : JONY

Test Condition

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

Humidity : 65%
Peak AD. : 48577 (74.1%)
Integral time. : 129ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4542$ $y=0.4379$ $u=0.2473$ $v=0.3576$ ($duv=0.0105$)
Color temperature: $TC=2986$ K Color difference: $SDCM=13.3$ Main Wavelength: $\lambda_d=560.05$ nm Purity: $Purity=0.141$
Peak wavelength: $\lambda_p=626.6$ nm FWHM: $\Delta\lambda_p=173.9$ nm Color ratio: $R=25.28\%$ $G=72.64\%$ $B=2.09\%$

Color rendering index (Ra): $Ra=91.8$

$R1=92.2$ $R2=92.3$ $R3=92.7$ $R4=92.5$ $R5=90.3$ $R6=90.7$ $R7=95.8$ $R8=87.7$
 $R9=66.4$ $R10=82.2$ $R11=92.5$ $R12=72.4$ $R13=91.9$ $R14=95.4$ $R15=87.6$

Optical Parameter

Luminous flux: 53.689 lm Luminous efficiency: 69.91 lm/w Radiant flux: 0.1829 W

Electrical Parameter

Voltage: 48V Current: 16MA Watte: 0.768W Power factor:

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