



Spectral test report for lamp

Product type : YELLOW LED T8
Product No. : B4000-120-AM
Manufacturer : BLED

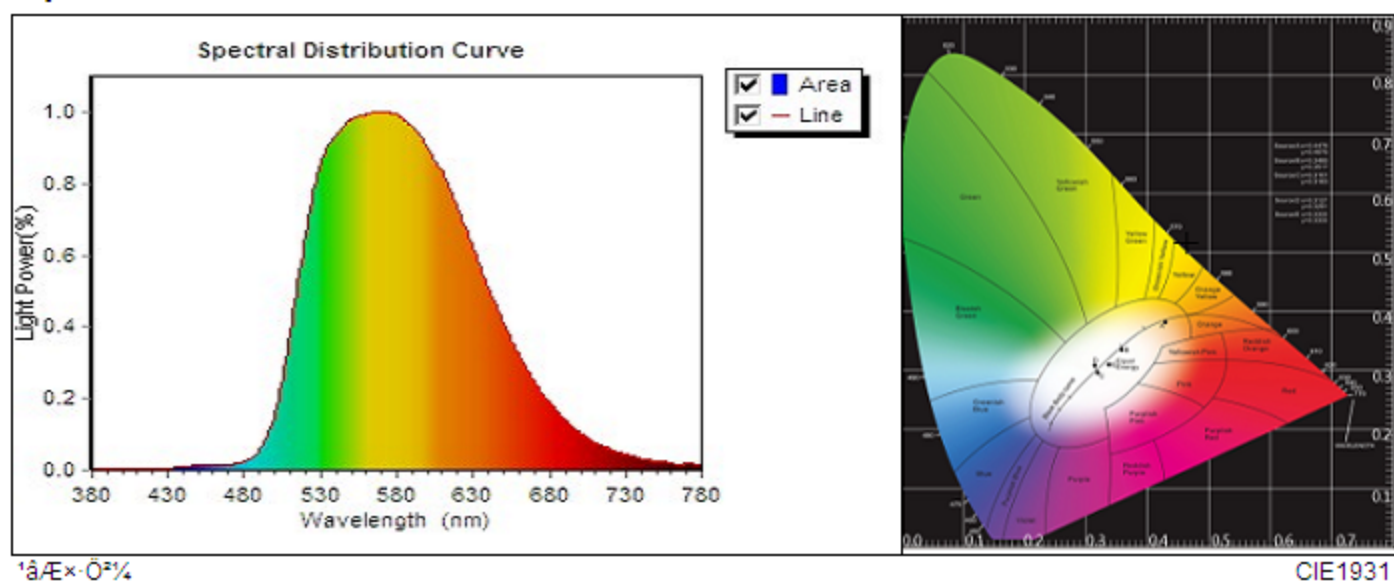
Test date. : 2020-11-19
Test equipment : SPEC2000A Spectrometer
Operator. : BLED

Test Condition

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

Humidity : 65%
Peak AD. : 56988 (87.0%)
Integral time. : 188ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4558$ $y=0.5209$ $u=0.2187$ $v=0.3748$ ($duv=0.0380$)
Color temperature: $TC=3473$ K Color difference: $SDCM=49.8$ Main Wavelength: $\lambda_d=554.06$ nm Purity: $Purity=0.414$
Peak wavelength: $\lambda_p=569.2$ nm FWHM: $\lambda_p=126.8$ nm Color ratio: $R=17.07\%$ $G=82.62\%$ $B=0.31\%$

Color rendering index (Ra): $Ra=51.4$
 $R1=53.7$ $R2=59.9$ $R3=59.8$ $R4=36.2$ $R5=49.9$ $R6=51.1$ $R7=62.3$ $R8=37.6$
 $R9=-67.4$ $R10=13.5$ $R11=18.0$ $R12=16.4$ $R13=55.1$ $R14=79.8$ $R15=41.3$

Optical Parameter

Luminous flux: 1665.586 lm luminous efficiency: 88.13 lm/w Radiant flux: 3.8602 W

Electrical Parameter

Voltage: 230.2 V Current: 0.145 A Wate: 18.90 W Power factor: 0.563

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