BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : DOWNLIGHT
Product No. : B1242-B-20W-BC
Manufacturer : BLED

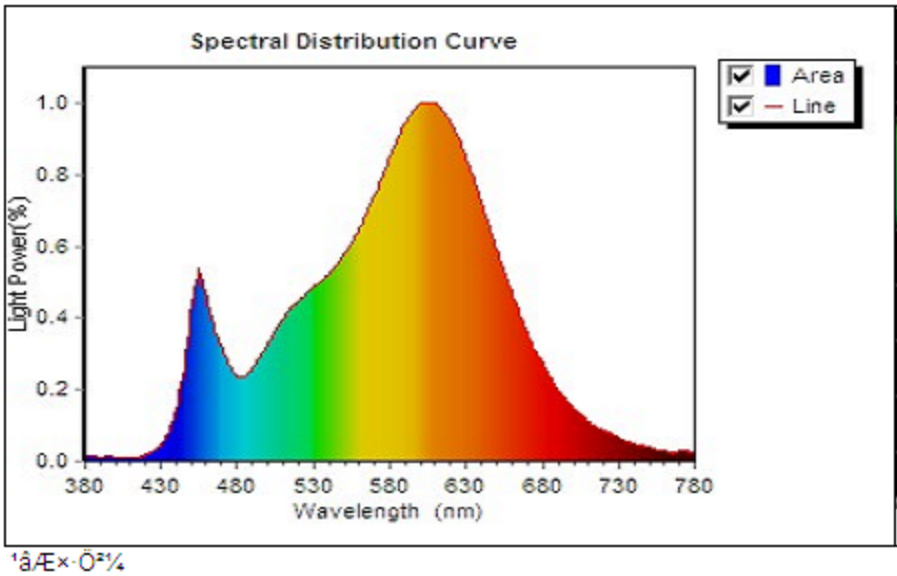
Test date. : 2021-03-16
Test equipment : SPEC2000A Spectrometer
Opertor. : BLED

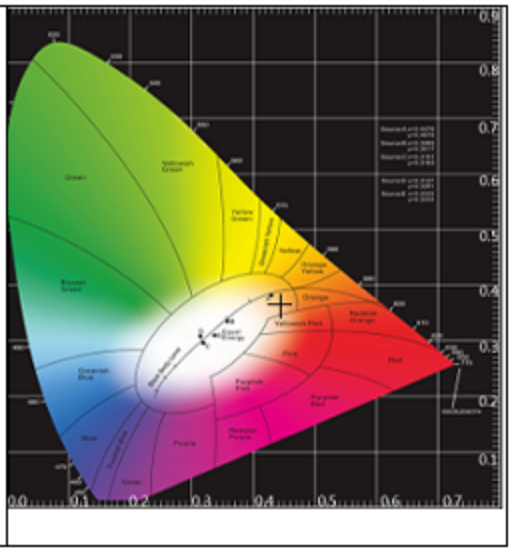
Test Condition

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

Humidity : 65%
Peak AD. : 30677 (46.8%)
Integral time. : 10ms

Spectral Parameter





¹âÆ×·Ö²¼ CIE1931

CIE Color Parameter

Chromaticity coordinates:x=0.4379 y=0.4008 u=0.2526 v=0.3468 (duv=-0.0014)
Color temperature:TC=2957 K Color difference:SDCM=1.1 Main Wavelength:?d=481.04nm Purity:Purity=0.026
Peak wavelength:?p=607.7 nm FWHM:??p=123.0 nm Color ratio:R=25.45% G=71.91% B=2.64%

Color rendering index (Ra):Ra=84.3
R1=84.1 R2=94.5 R3=93.5 R4=81.9 R5=84.6 R6=93.7 R7=81.6 R8=60.2
R9=13.7 R10=87.5 R11=82.2 R12=76.4 R13=87.7 R14=97.2 R15=76.4

Optical Parameter

Luminous flux: 1953.573 lm luminous efficiency:93.47 lm/w Radiant flux: 6.0573 W

Electrical Parameter

Voltage: 230.2 V Current: 0.153 A Watte: 20.90 W Power factor: 0.593