



Spectrum Test Report

Sample : BUDDY SILICONE
 Specification : 21.AB10.6527.00
 Sample No. : 1M
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Instrument number:1

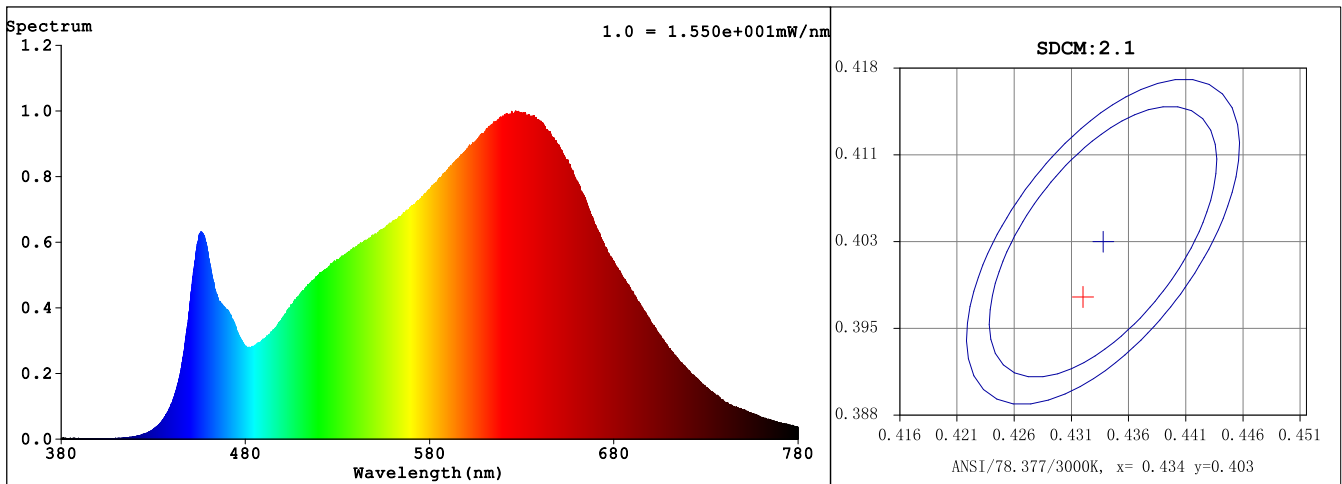
Date : 2025-10-16 13:52:36
 Sam. Status : First sample test
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : BUDDY SILICONE 16W
 16X16MM X10M SIDE
 BENDING 24V 3000K IP67

Test Condition

Temperature : 25.3 °C
 WL Range : 380nm-780nm
 Test Mode : Fast Test

RH : 65.0%
 IP : 53604 (82%)
 T : 401 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4321$ $y = 0.3982$ / $u' = 0.2500$ $v' = 0.5183$ ($duv = -1.70e-03$) $Dx, Dy: -0.0024, -0.0051$
 CCT= 3035K Prcp WL: $L_d = 583.3nm$ Purity=49.2%
 Peak WL: $L_p = 627nm$ FWHM: =164.7nm Ratio:R=24.5% G=72.1% B=3.3%
 Render Index: $R_a = 95.5$ CRI = 93.8 TM30:Rf=92 Rg=100
 R1 =97 R2 =99 R3 =99 R4 =95 R5 =96 R6 =96 R7 =93
 R8 =88 R9 =77 R10=98 R11=96 R12=80 R13=99 R14=99 R15=95
 LEVEL:OUT WHITE:ANSI_3000K
 TLCI = 95.4

Photometric & Radiometric Parameters

Flux = 757.74 lm Eff. : 50.78 lm/W $Fe = 2.7202 W$

Kred: 0.17028

Electrical parameters

V = 24.00 V I = 0.6218 A P = 14.92 W PF = 1.000
 Freq=0.00 Hz