



Spectrum Test Report

Sample : BUDDY SILICONE
 Specification : 21.AB10.1217.00
 Sample No. : 1M
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Instrument number:1

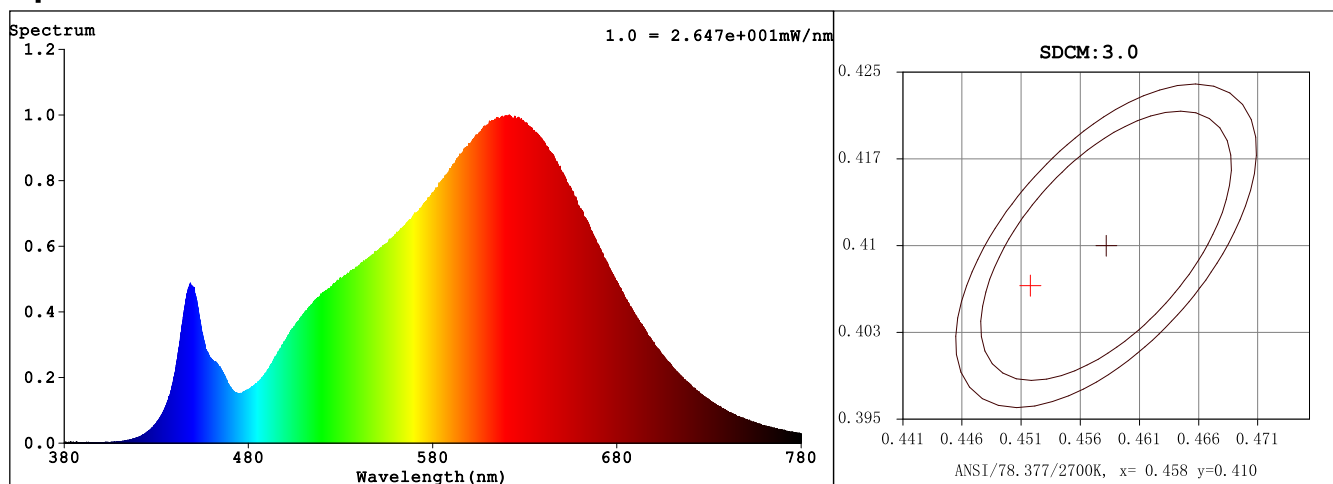
Date : 2025-10-20 09:22:23
 Sam. Status : First sample test
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : BUDDY SILICONE ADHESIVE
 12W 10X4.5MM X5M 288LED/M
 24V 2700K IP67

Test Condition

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

RH : 65.0%
 IP : 54051 (82%)
 T : 227 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4514$ $y = 0.4067$ / $u' = 0.2588$ $v' = 0.5246$ ($duv = -6.77e-04$) $Dx, Dy: -0.0011, -0.0021$
 CCT= 2792K Prcp WL: $L_d = 584.0nm$ Purity=57.6%
 Peak WL: $L_p = 622nm$ FWHM: =149.9nm Ratio:R=25.6% G=72.1% B=2.3%
 Render Index: $R_a = 91.5$ CRI = 88.4 TM30:Rf=90 Rg=101
 R1 =92 R2 =95 R3 =97 R4 =92 R5 =91 R6 =94 R7 =91
 R8 =79 R9 =54 R10=88 R11=93 R12=82 R13=92 R14=98 R15=87
 LEVEL:OUT WHITE:ANSI_2700K
 TLCI = 86.7

Photometric & Radiometric Parameters

Flux = 1244.8 lm Eff. : 115.40 lm/W $F_e = 4.2900 W$

Kred: 0.17487

Electrical parameters

V = 24.00 V I = 0.4495 A P = 10.79 W PF = 1.000
 Freq=0.00 Hz