



Spectrum Test Report

Sample : BUDDY SILICONE
 Specification : 21.AB10.1227.00
 Sample No. : 1M
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Instrument number:1

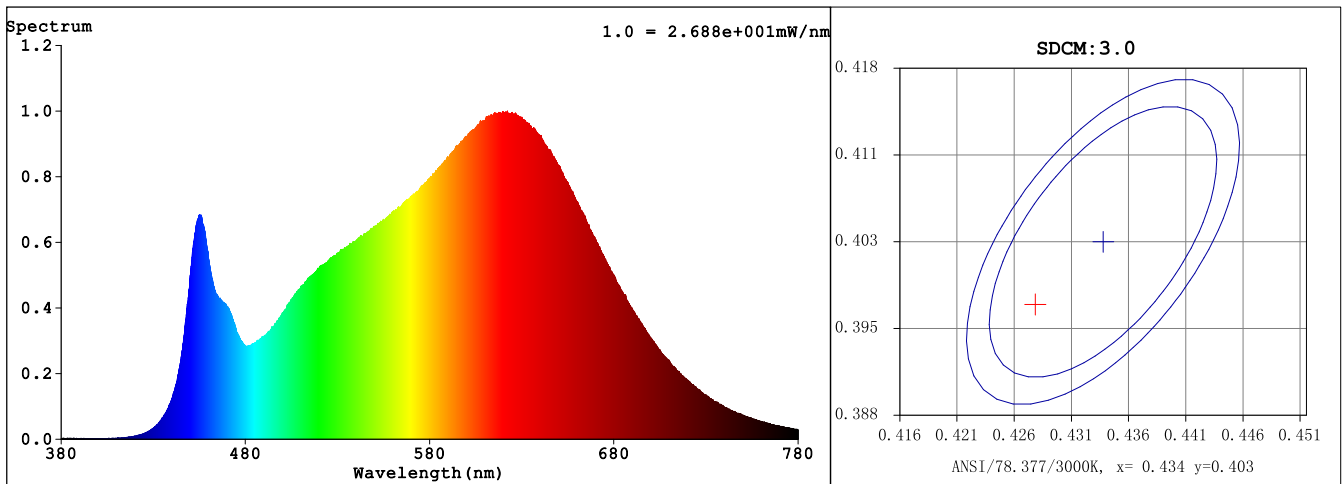
Date : 2025-10-20 09:34:01
 Sam. Status : First sample test
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : BUDDY SILICONE ADHESIVE
 12W 10X4.5MM X5M 288LED/M
 24V 3000K IP67

Test Condition

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

RH : 65.0%
 IP : 54977 (84%)
 T : 227 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4279$ $y = 0.3975$ / $u' = 0.2475$ $v' = 0.5174$ ($duv = -1.33e-03$) $Dx, Dy: -0.0018, -0.0039$
 CCT= 3104K Prpc WL: $L_d = 582.9nm$ Purity=47.7%
 Peak WL: $L_p = 622nm$ FWHM: =163.9nm Ratio:R=23.9% G=72.8% B=3.3%
 Render Index: $R_a = 93.8$ CRI = 91.3 TM30:Rf=91 Rg=99
 R1 =95 R2 =99 R3 =98 R4 =93 R5 =94 R6 =96 R7 =91
 R8 =84 R9 =65 R10=95 R11=94 R12=78 R13=96 R14=100 R15=91
 LEVEL:OUT WHITE:ANSI_3000K
 TLCI = 93.1

Photometric & Radiometric Parameters

Flux = 1357.7 lm Eff. : 118.76 lm/W $F_e = 4.6984 W$

Kred: 0.16315

Electrical parameters

V = 24.00 V I = 0.4764 A P = 11.43 W PF = 1.000
 Freq=0.00 Hz