



Spectrum Test Report

Sample : BUDDY SILICONE
 Specification : 21.AB10.6517.00
 Sample No. : 1M
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Instrument number:1

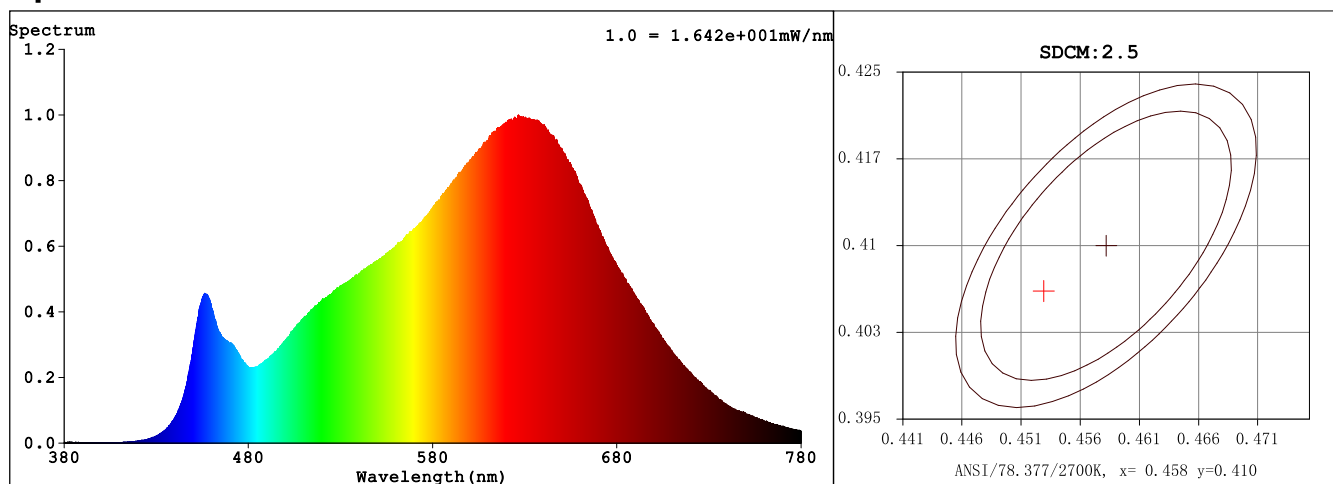
Date : 2025-10-16 13:40:00
 Sam. Status : First sample test
 Instrument : HAAS-2000(EVERFINE)
 Test by :
 Assessor : BUDDY SILICONE 16W
 16X16MM X10M SIDE
 BENDING 24V 2700K IP67

Test Condition

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

RH : 65.0%
 IP : 48036 (73%)
 T : 343 ms
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4525$ $y = 0.4063$ / $u' = 0.2597$ $v' = 0.5246$ ($duv = -9.61e-04$) $Dx, Dy: -0.0016, -0.0029$
 CCT= 2771K Prcp WL: $L_d = 584.2nm$ Purity=57.8%
 Peak WL: $L_p = 627nm$ FWHM: $=149.3nm$ Ratio: R=26.3% G=70.9% B=2.9%
 Render Index: $R_a = 95.1$ CRI = 93.4 TM30: $R_f = 92$ $R_g = 99$
 $R_1 = 97$ $R_2 = 100$ $R_3 = 98$ $R_4 = 95$ $R_5 = 96$ $R_6 = 97$ $R_7 = 92$
 $R_8 = 86$ $R_9 = 72$ $R_{10} = 98$ $R_{11} = 97$ $R_{12} = 83$ $R_{13} = 98$ $R_{14} = 100$ $R_{15} = 93$
 LEVEL:OUT WHITE:ANSI_2700K
 TLCI = 94.5

Photometric & Radiometric Parameters

Flux = 743.63 lm Eff. : 49.73 lm/W $F_e = 2.6998 W$

Kred: 0.18309

Electrical parameters

V = 24.00 V I = 0.6231 A P = 14.95 W PF = 1.000
 Freq=0.00 Hz