



Spectrum Test Report

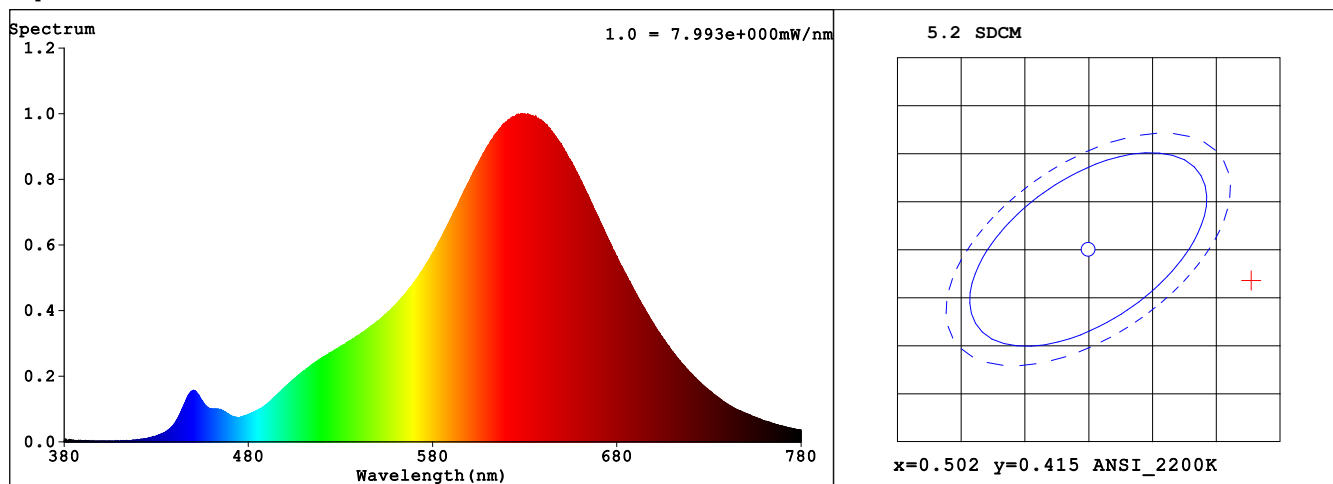
Sample : BUDDY SILICONE 8w 3D
 Specification : 21.AB10.9307.03
 Sample No. : 1
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Assessor :
 Remark : 1M
 Device SN : HS-2000

Date : 2025-01-19 19:12:13
 Sam. Status : Finished product test
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Specs : CINTA DE LED BUDDY
 SILICONE 6W 8X8MM
 X5M 3D 24V 2200K IP67,
 BLT
 RH : 60.0%
 IP : 48242 (74%)
 T : 443 ms

Test Condition

Temprature : 25Deg
 WL Range : 380nm-780nm
 Test Mode : Fast Test
 Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.5146$ $y = 0.4121$ / $u' = 0.2976$ $v' = 0.5363$ ($duv = -8.05e-04$)
 CCT= 2096K Prcp WL: Ld=588.3nm Purity=78.1%
 Peak WL: Lp=629nm FWHM: =114.2nm Ratio:R=33.2% G=65.3% B=1.5%
 Render Index: Ra = 92.1 CRI = 90.5 TM30:Rf=90 Rg=99

EEL: 0.20422 A

R1 =93 R2 =98 R3 =98 R4 =93 R5 =94 R6 =97 R7 =88
 R8 =77 R9 =54 R10=95 R11=97 R12=94 R13=95 R14=99 R15=87
 LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 281.93 lm Eff. : 48.29 lm/W Fe = 1.1017 W

Electrical parameters

V = 24.00 V I = 0.2433 A P = 5.839 W PF = 1.000 F=0.00 Hz