



Spectrum Test Report

Sample : RODDA COB 7w MICRO
 Specification : 21.AB09.1310.03
 Sample No. : 4
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Assessor :
 Remark : 0.5M
 Device SN : HS-2000

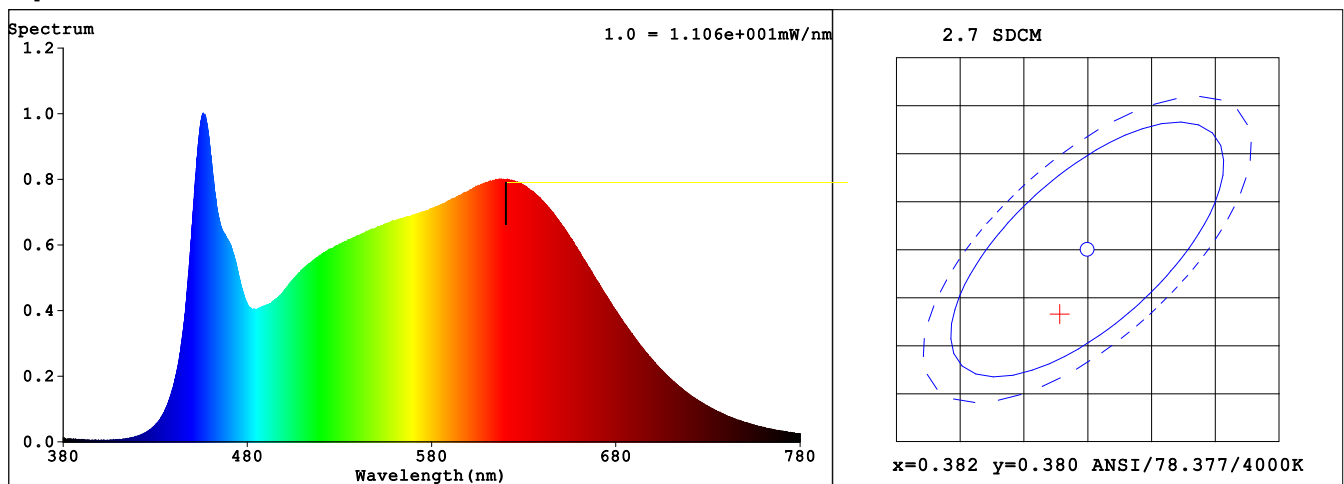
Date : 2025-02-07 08:08:36
 Sam. Status : First sample test
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Specs : CINTA DE LED RODDA COB
 7W MICRO 3MMX2.5M 24V
 2700K IP20, BLT

Test Condition

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

RH : 60.0%
 IP : 46583 (71%)
 T : 369 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3796$ $y = 0.3730$ / $u' = 0.2261$ $v' = 0.4998$ ($duv = -1.53e-03$)
 CCT= 3995K Prcp WL: $L_d = 580.0nm$ Purity=25.9%
 Peak WL: $L_p = 456nm$ FWHM: $= 27.6nm$ Ratio: R=20.4% G=74.8% B=4.9%
 Render Index: $R_a = 94.5$ CRI = 92.9 TM30: $R_f = 90$ $R_g = 98$

EEL: 0.11361 A+

R1 =97 R2 =99 R3 =98 R4 =92 R5 =94 R6 =95 R7 =92
 R8 =89 R9 =80 R10=99 R11=94 R12=72 R13=99 R14=100 R15=95
 LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 530.12 lm Eff. : 100.91 lm/W $F_e = 1.8500 W$

Electrical parameters

V = 24.00 V I = 0.2189 A P = 5.253 W PF = 1.000 F=0.00 Hz



Spectrum Test Report

Sample : RODDA COB 7w MICRO
 Specification : 21.AB09.1310.03
 Sample No. : 1
 Manufacturer : IDEA ILUMINACIÓN S.A.
 Assessor
 Remark : 1M
 Device SN : HS-2000

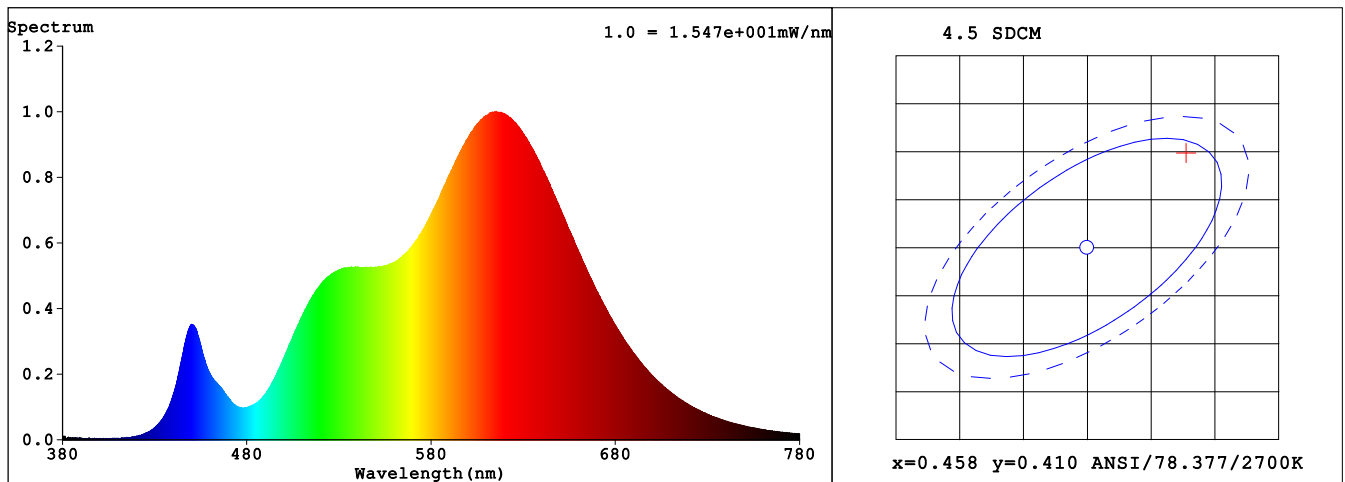
Date : 2025-02-07 08:30:46
 Sam. Status : Finished product test
 Standard :
 Instrument : HaasSuite(EVERFINE)
 Specs : CINTA DE LED RODDA COB
 7W MICRO 3MMX2.5M 24V
 2700K IP20, BLT

Test Condition

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

RH : 60.0%
 IP : 53418 (82%)
 T : 242 ms

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4656$ $y = 0.4199$ / $u' = 0.2620$ $v' = 0.5317$ ($duv=2.93e-03$)
 CCT= 2693K Prcp WL: $L_d=583.3nm$ Purity=65.8%
 Peak WL: $L_p=615nm$ FWHM: $=140.9nm$ Ratio:R=26.6% G=71.6% B=1.7%
 Render Index: $R_a = 91.3$ CRI = 87.1 TM30:Rf=91 Rg=99

EEL: 0.12173 A+

R1 =92 R2 =94 R3 =96 R4 =95 R5 =92 R6 =95 R7 =91
 R8 =75 R9 =41 R10=86 R11=97 R12=79 R13=93 R14=96 R15=84
 LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

Flux = 681.42 lm Eff. : 99.32 lm/W $F_e = 2.1794 W$

Electrical parameters

V = 24.00 V I = 0.2859 A P = 6.861 W PF = 1.000 F=0.00 Hz