

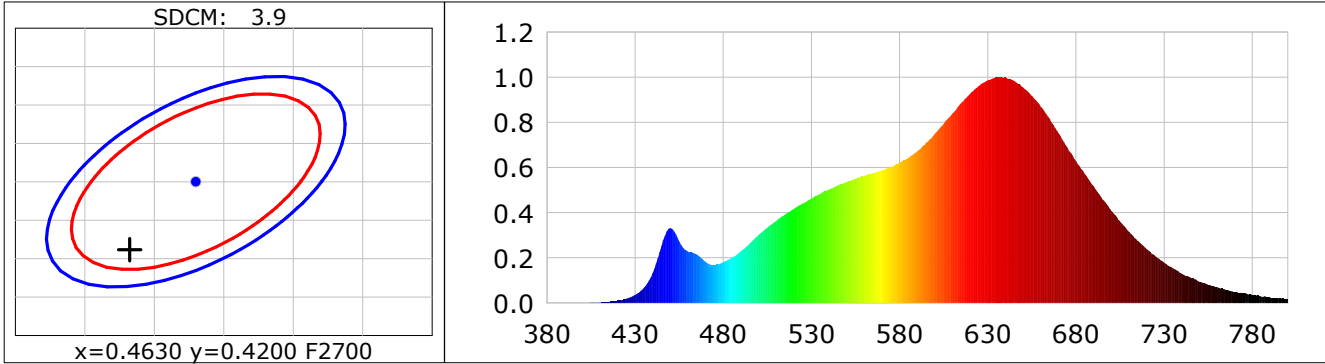
Lightsource Test Report

Product Infomation

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: FOOD 2	Product Number: 434
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4582$ $y=0.4112$ $u(u')=0.2612$ $v=0.3515$ $v'=0.5273$
 CCT: $T_c=2727K$ ($duv=0.00034$) Color Ratio: $R=0.271$ $G=0.704$ $B=0.026$
 Peak Wavelength: 637.6nm Half Bandwidth: 152.3nm
 Dominant Wavelength: 603.4nm Color Purity: 0.610
 CRI: $R_a=98.2$, $avgR(1\sim14)=96.8$, $avgR(1\sim15)=97.0$ TM30: $R_f=96$, $R_g=101$
 GAI: $GAI_BB_8=100.7$, $GAI_BB_15=105.0$, $GAI_EES=49.8$
 R1 =99 R2 =99 R3 =95 R4 =97 R5 =99 R6 =98 R7 =99 R8 =98
 R9 =94 R10=97 R11=95 R12=89 R13=99 R14=96 R15=99
 Color Quality Scale: $Q_a=95.6$, $Q_f=97.1$, $Q_p=98.7$, $Q_g=98.8$
 Q1 =95 Q2 =96 Q3 =93 Q4 =95 Q5 =97 Q6 =95 Q7 =95 Q8 =97
 Q9 =96 Q10=97 Q11=97 Q12=96 Q13=96 Q14=96 Q15=96



Photometric Parameters

Luminous Flux: 1195.7 lm	Efficiency: 85.28 lm/W	Radiant Power: 4.576 W
Total mains efficacy: 78.97 lm/W	Energy Efficiency Class: G (EU 2019/2015)	

Electric Parameters

Voltage: 24.000V	Current: 0.5842A	Power: 14.02W
Power Factor: 1.0000	Frequency: 0.00Hz	

Test Infomation

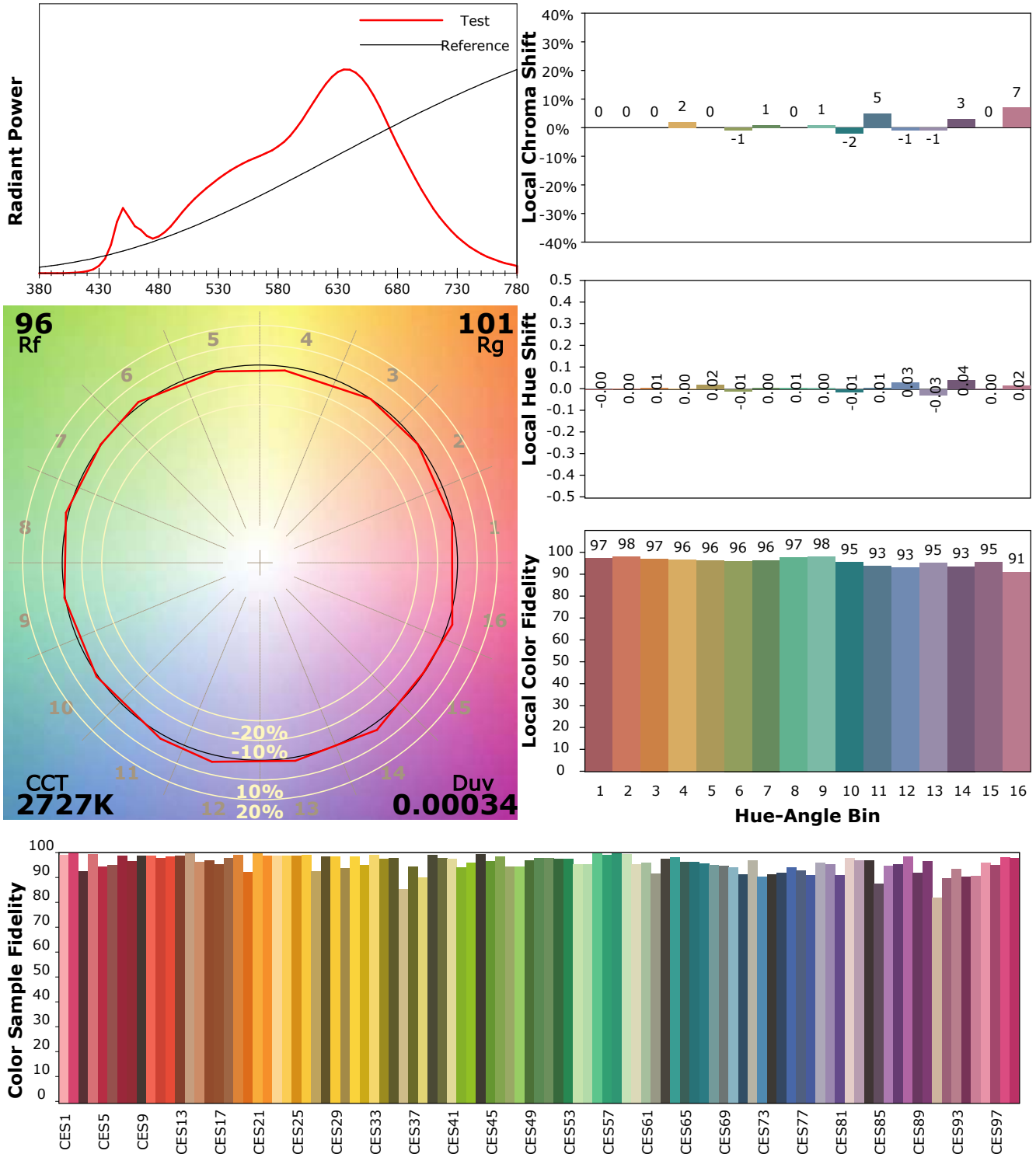
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 46859 (2253)	CCD Integration Time: 562.00 ms

IES TM-30-18 Color Rendition Report

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Condition: Tx:19.9'C, Ti:17.7'C, R.H.:60%
 Test Lab: TECSOLELED S.L.
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-11-09 15:35:14
 Inspector: