

Lightsource Test Report

Product Infomation

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: FOOD 1	Product Number: 433
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

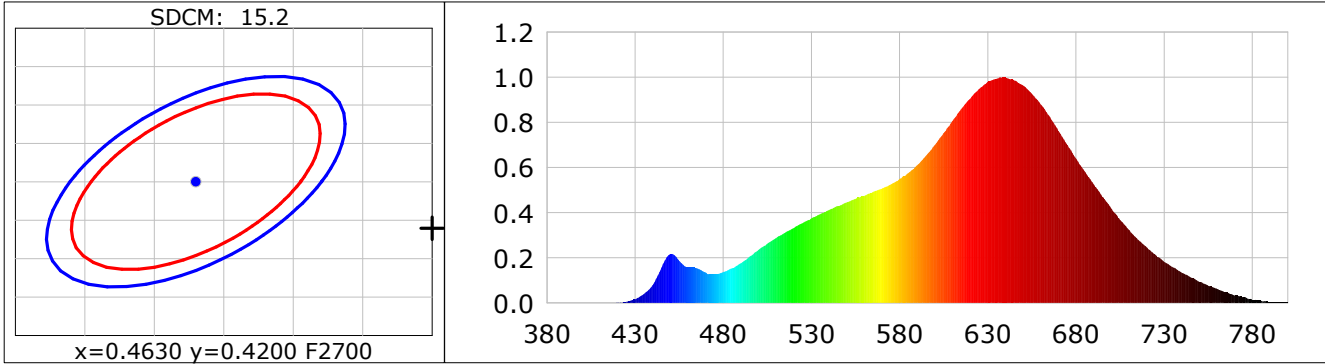
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4831$ $y=0.4139$ $u(u')=0.2760$ $v=0.3547$ $v'=0.5321$
 CCT: $T_c=2430K$ ($duv=-0.00016$) Color Ratio: $R=0.299$ $G=0.679$ $B=0.022$
 Peak Wavelength: 637.1nm Half Bandwidth: 125.0nm
 Dominant Wavelength: 585.8nm Color Purity: 0.692
 CRI: $R_a=97.2$, $avgR(1\sim14)=96.4$, $avgR(1\sim15)=96.6$ TM30: $R_f=96$, $R_g=102$
 GAI: $GAI_BB_8=102.8$, $GAI_BB_15=107.3$, $GAI_EES=40.8$

R1 =97	R2 =99	R3 =96	R4 =96	R5 =97	R6 =96	R7 =98	R8 =98
R9 =94	R10=100	R11=92	R12=92	R13=97	R14=96	R15=100	

 Color Quality Scale: $Q_a=93.8$, $Q_f=97.2$, $Q_p=99.4$, $Q_g=97.0$

Q1 =93	Q2 =94	Q3 =93	Q4 =95	Q5 =94	Q6 =93	Q7 =93	Q8 =95
Q9 =95	Q10=95	Q11=94	Q12=94	Q13=94	Q14=94	Q15=94	



Photometric Parameters

Luminous Flux: 1082.1 lm	Efficiency: 79.03 lm/W	Radiant Power: 4.329 W
Total mains efficacy: 73.18 lm/W	Energy Efficiency Class: G (EU 2019/2015)	

Electric Parameters

Voltage: 24.000V	Current: 0.5705A	Power: 13.69W
Power Factor: 1.0000	Frequency: 0.00Hz	

Test Infomation

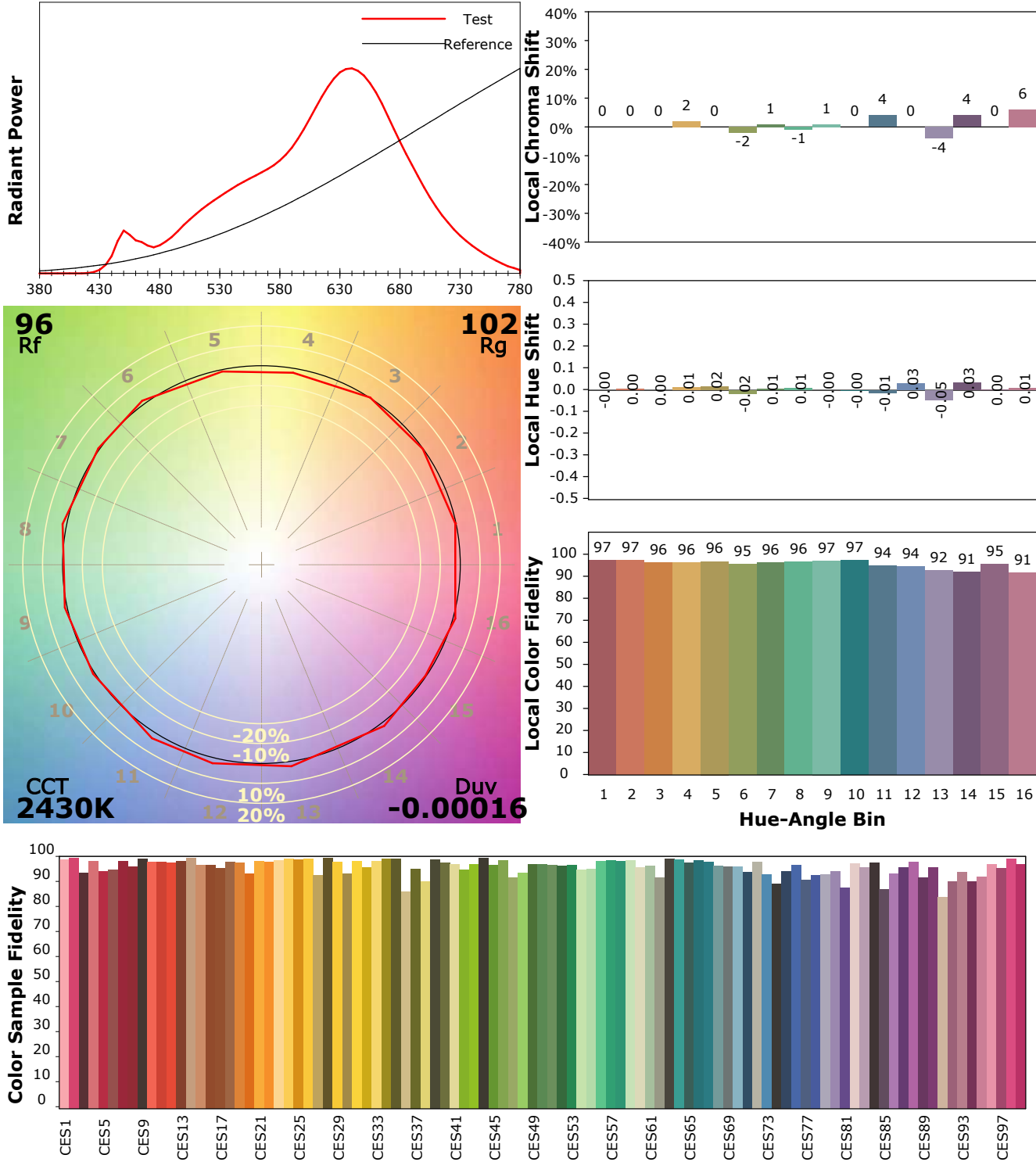
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 47406 (2206)	CCD Integration Time: 562.00 ms

IES TM-30-18 Color Rendition Report

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Condition: Tx:19.9'C, Ti:17.6'C, R.H.:60%
 Test Lab: TECSOLED S.L.
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-11-09 15:31:26
 Inspector: