

Lightsource Test Report

Product Infomation

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: SIDD 4	Product Number: 432
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

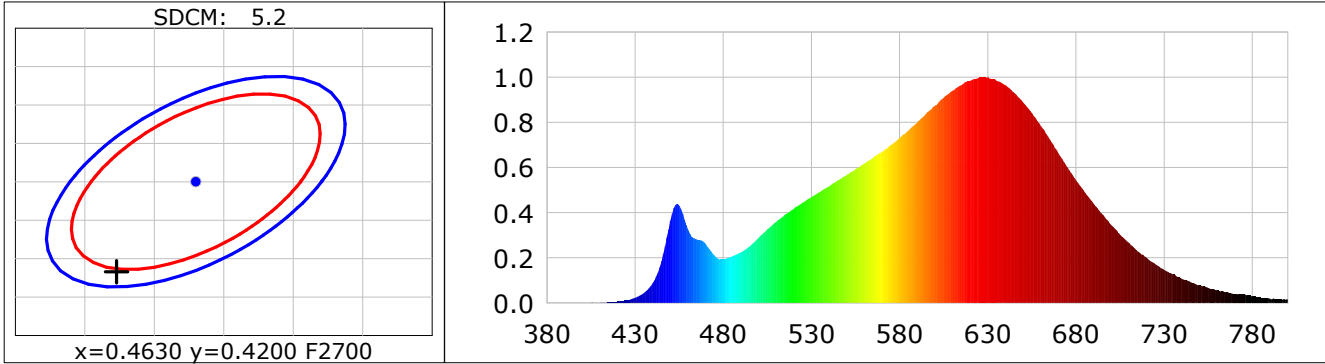
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4573$ $y=0.4083$ $u(u')=0.2619$ $v=0.3507$ $v'=0.5261$
 CCT: $T_c=2718K$ ($duv=-0.00065$) Color Ratio: $R=0.264$ $G=0.711$ $B=0.025$
 Peak Wavelength: 629.7nm Half Bandwidth: 148.0nm
 Dominant Wavelength: 584.3nm Color Purity: 0.598
 CRI: $R_a=93.4$, $avgR(1\sim14)=90.8$, $avgR(1\sim15)=90.8$ TM30: $R_f=91$, $R_g=99$
 GAI: $GAI_BB_8=100.5$, $GAI_BB_15=107.8$, $GAI_EES=49.4$

R1 =94	R2 =97	R3 =99	R4 =93	R5 =93	R6 =97	R7 =91	R8 =83
R9 =64	R10=92	R11=93	R12=81	R13=95	R14=98	R15=90	

 Color Quality Scale: $Q_a=90.9$, $Q_f=92.6$, $Q_p=94.0$, $Q_g=96.0$

Q1 =89	Q2 =95	Q3 =89	Q4 =87	Q5 =90	Q6 =92	Q7 =91	Q8 =92
Q9 =97	Q10=94	Q11=93	Q12=92	Q13=92	Q14=88	Q15=89	



Photometric Parameters

Luminous Flux: 1232.5 lm	Efficiency: 129.65 lm/W	Radiant Power: 4.401 W
Total mains efficacy: 120.06 lm/W Energy Efficiency Class: E (EU 2019/2015)		

Electric Parameters

Voltage: 24.000V	Current: 0.3961A	Power: 9.51W
Power Factor: 1.0000	Frequency: 0.00Hz	

Test Infomation

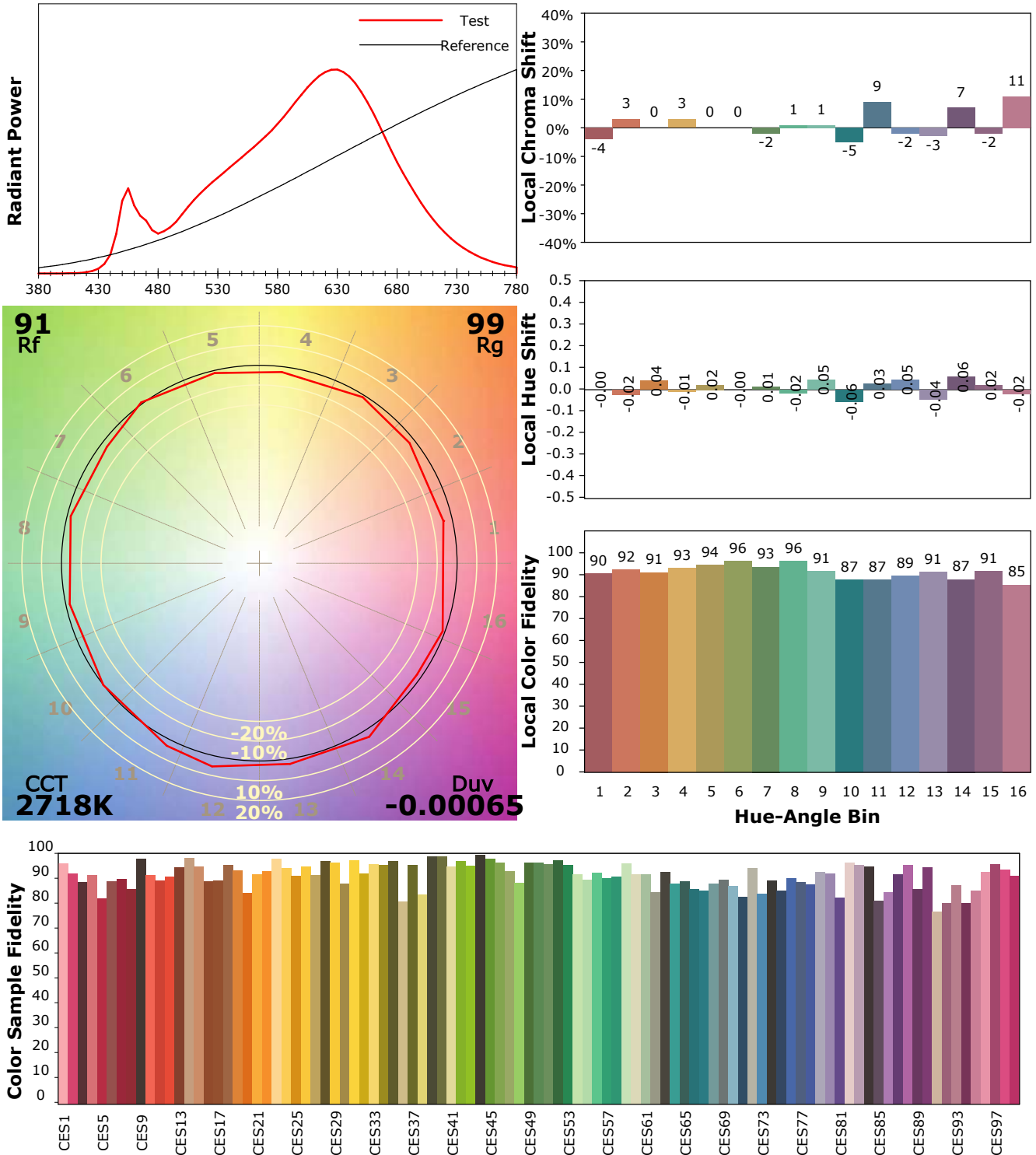
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 47029 (2252)	CCD Integration Time: 562.86 ms

IES TM-30-18 Color Rendition Report

Product Information

Product Category: LED STRIP
 Product Spec: SIDD 4
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
 Product Number: 432
 Buyer: TECSOLED S.L.



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 15:27:19
 Inspector: