TECSOLED S.L.
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Lightsource Test Report

Product Infomation

Product Category: LED STRIP
Product Type: LED STRIP
Product Spec: KAUS 2
Product Number: 421
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

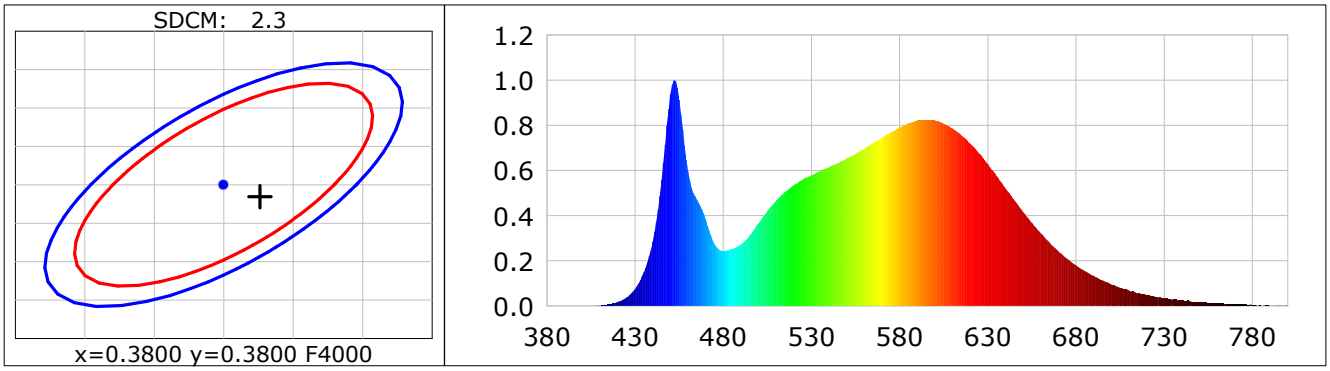
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3826 y=0.3784 u(u')=0.2259 v=0.3351 v'=0.5026
CCT: Tc=3954K (duv=0.00015) Color Ratio: R=0.185 G=0.779 B=0.036
Peak Wavelength: 452.3nm Half Bandwidth: 19.0nm
Dominant Wavelength: 579.2nm Color Purity: 0.284
CRI: Ra= 83.0, avgR(1~14)= 76.4, avgR(1~15)= 76.3 TM30: Rf= 83, Rg= 95
GAI: GAI_BB_8=91.9, GAI_BB_15=99.4, GAI_EES=71.8

R1 =81	R2 =90	R3 =95	R4 =81	R5 =81	R6 =86	R7 =85	R8 =64
R9 =9	R10=75	R11=80	R12=60	R13=84	R14=98	R15=76	

Color Quality Scale: Qa= 82.4, Qf= 82.6, Qp= 82.1, Qg= 92.3

Q1 =81	Q2 =98	Q3 =79	Q4 =75	Q5 =80	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=89	Q11=85	Q12=84	Q13=84	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 2698.7 lm Efficiency: 178.44 lm/W Radiant Power: 8.103 W
Total mains efficacy: 165.24 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6302A Power: 15.12W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46620 (2066)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 199.57 ms

Condition: Tx:19.1'C, Ti:17.3'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-09 12:55:37
Operator: JORDAN GIL DIAZ
Inspector:

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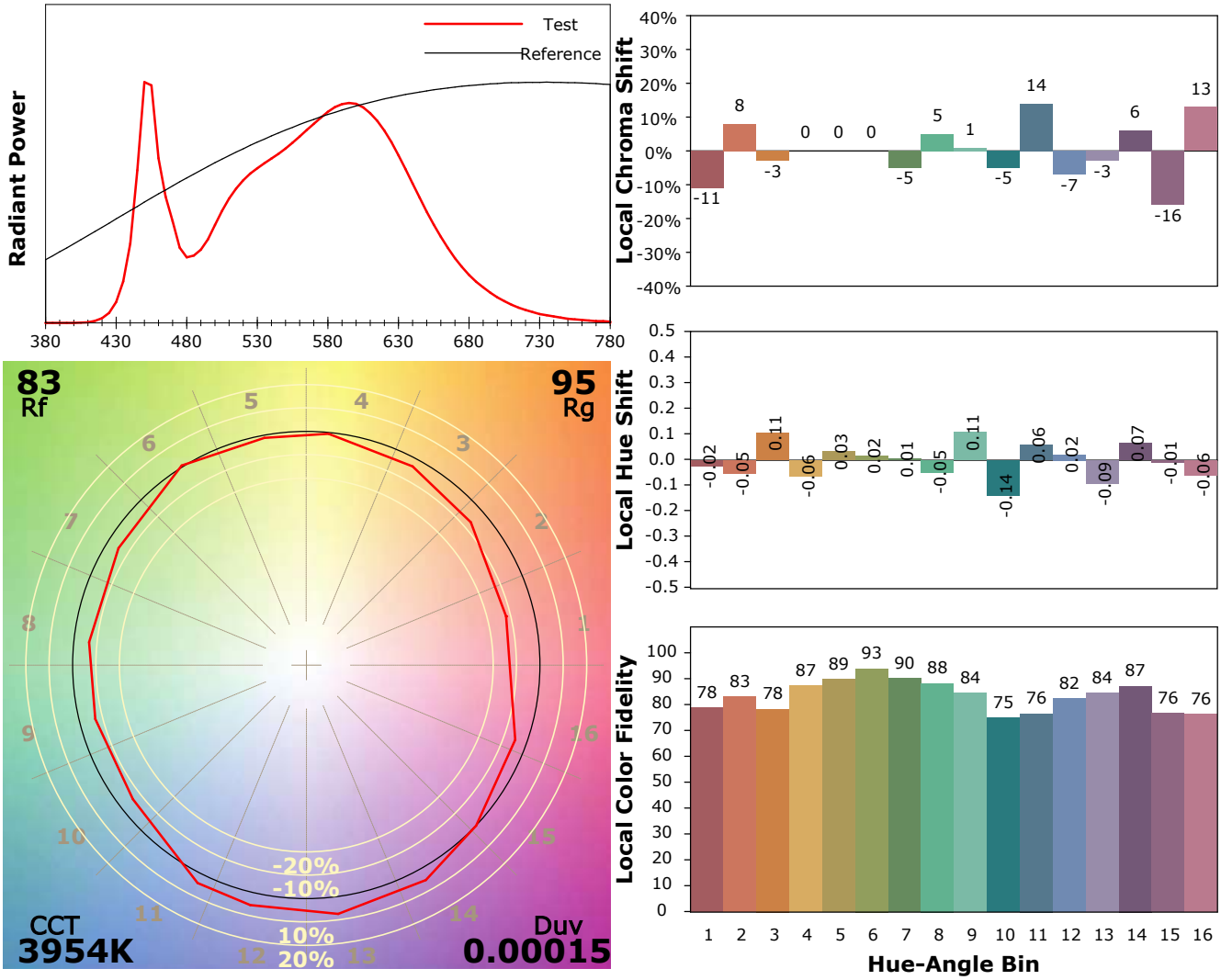
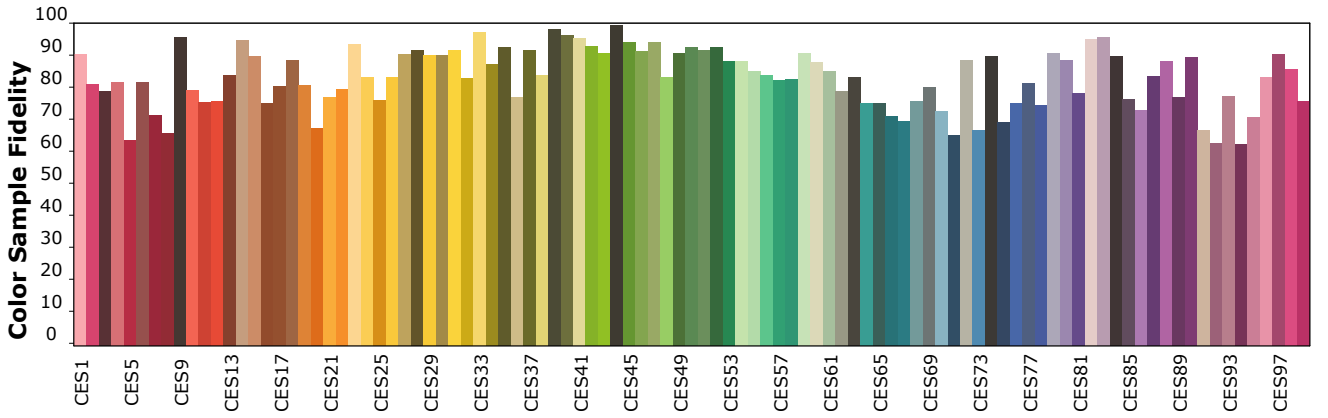
IES TM-30-18 Color Rendition Report

Product Infomation

Product Category: LED STRIP
Product Spec: KAUS 2
Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
Product Number: 421
Buyer: TECSOLED S.L.





Condition: Tx:19.1'C, Ti:17.3'C, R.H.:60%
Test Lab: TECSOLED S.L.
Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-09 12:55:37
Inspector: