TECSOLED S.L.
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Lightsource Test Report

Product Infomation

Product Category: LED STRIP
Product Type: LED STRIP
Product Spec: KAUS 7
Product Number: 427
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

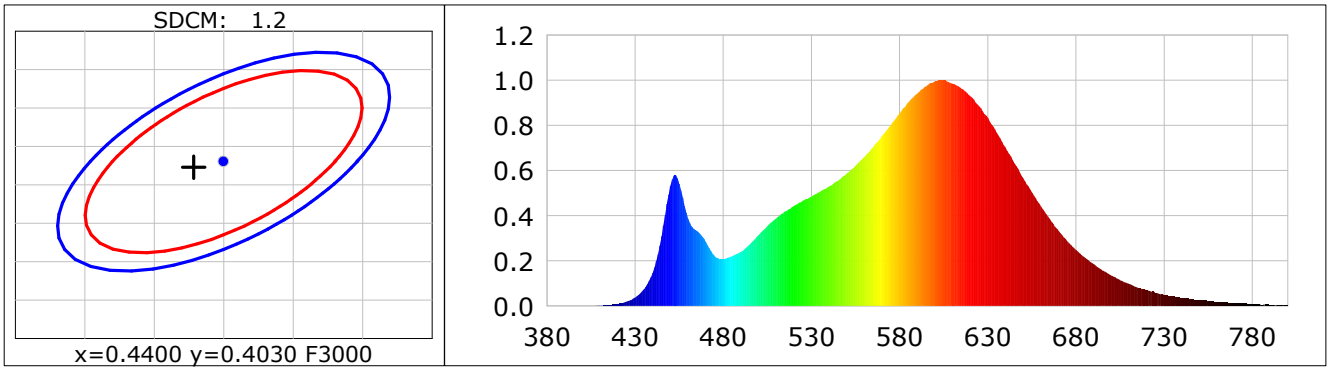
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4378 y=0.4023 u(u')=0.2519 v=0.3472 v'=0.5208
CCT: Tc=2970K (duv=-0.00083) Color Ratio: R=0.233 G=0.740 B=0.027
Peak Wavelength: 603.1nm Half Bandwidth: 122.0nm
Dominant Wavelength: 583.2nm Color Purity: 0.522
CRI: Ra= 82.7, avgR(1~14)= 77.6, avgR(1~15)= 77.3 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=94.5, GAI_BB_15=102.8, GAI_EES=53.5

R1 =82	R2 =92	R3 =95	R4 =80	R5 =82	R6 =91	R7 =80	R8 =58
R9 =7	R10=83	R11=80	R12=72	R13=84	R14=98	R15=74	

Color Quality Scale: Qa= 82.5, Qf= 84.2, Qp= 83.6, Qg= 90.9

Q1 =78	Q2 =94	Q3 =84	Q4 =80	Q5 =83	Q6 =84	Q7 =84	Q8 =86
Q9 =95	Q10=91	Q11=87	Q12=84	Q13=82	Q14=72	Q15=74	



Photometric Parameters

Luminous Flux: 2455.0 lm Efficiency: 158.43 lm/W Radiant Power: 7.409 W
Total mains efficacy: 146.71 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6457A Power: 15.50W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 30 Sec ALC.: 1.0000
Max of Signal: 46619 (2127)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 296.61 ms

Condition: Tx:19.3'C, Ti:17.6'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-09 13:16:32
Operator: JORDAN GIL DIAZ
Inspector:

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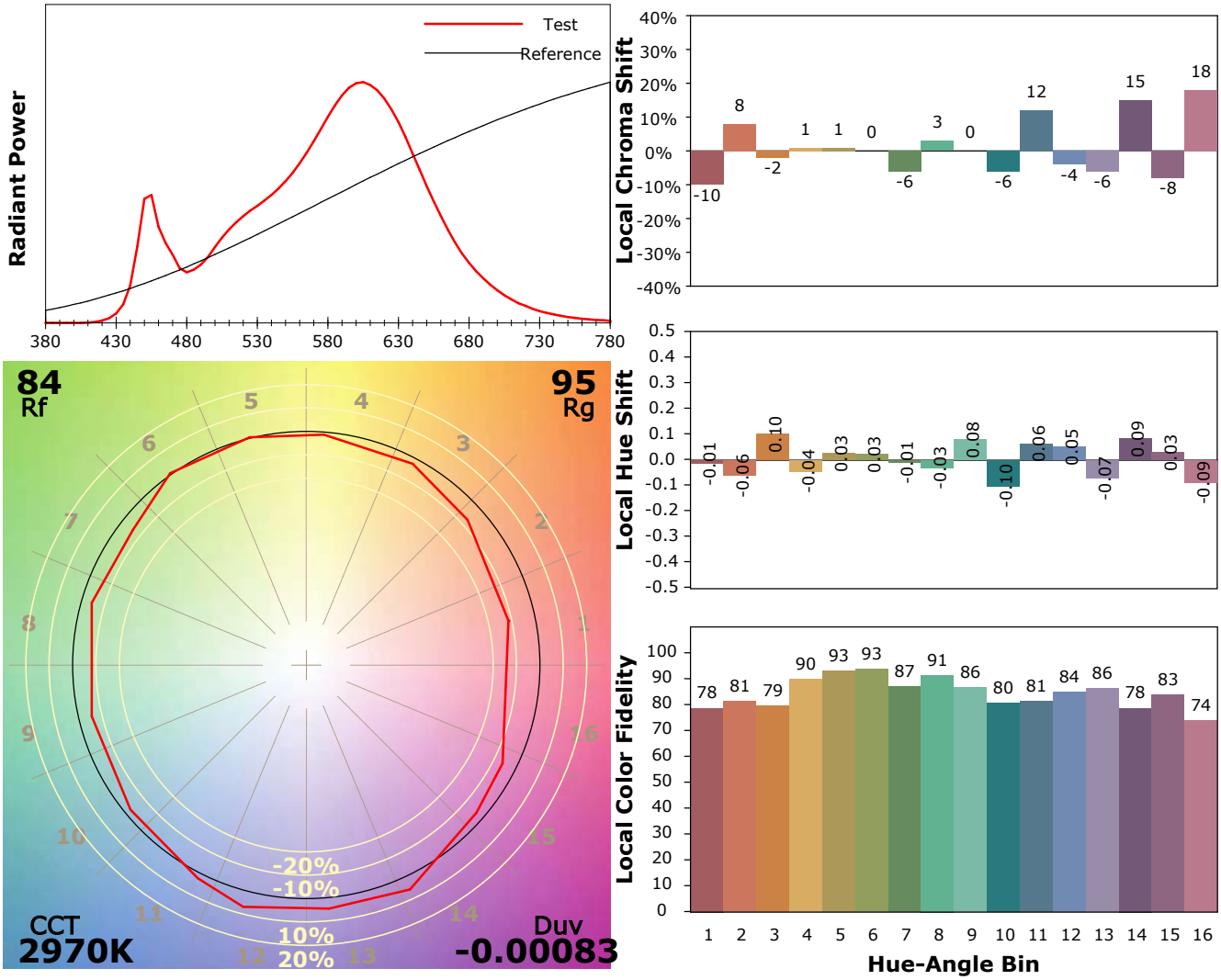
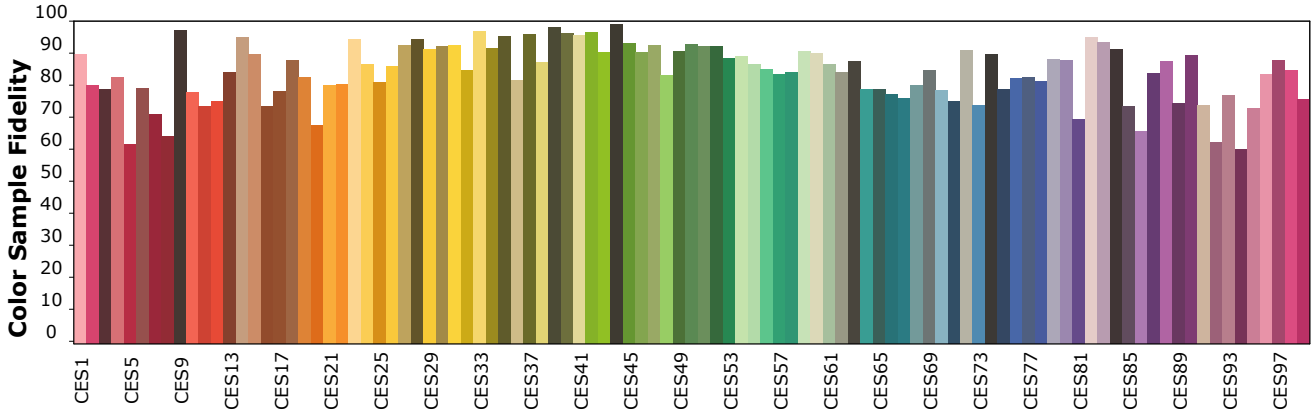
IES TM-30-18 Color Rendition Report

Product Infomation

Product Category: LED STRIP
Product Spec: KAUS 7
Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
Product Number: 427
Buyer: TECSOLED S.L.





Condition: Tx:19.3'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 13:16:32
Inspector: