TECSOLED S.L.
www.tecsoled.com
Tel: +34-881 924 421
Fax: +34-881 924 525

Lightsource Test Report

Product Infomation

Product Category: LED STRIP
Product Type: LED STRIP
Product Spec: KAUS 1
Product Number: 420
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

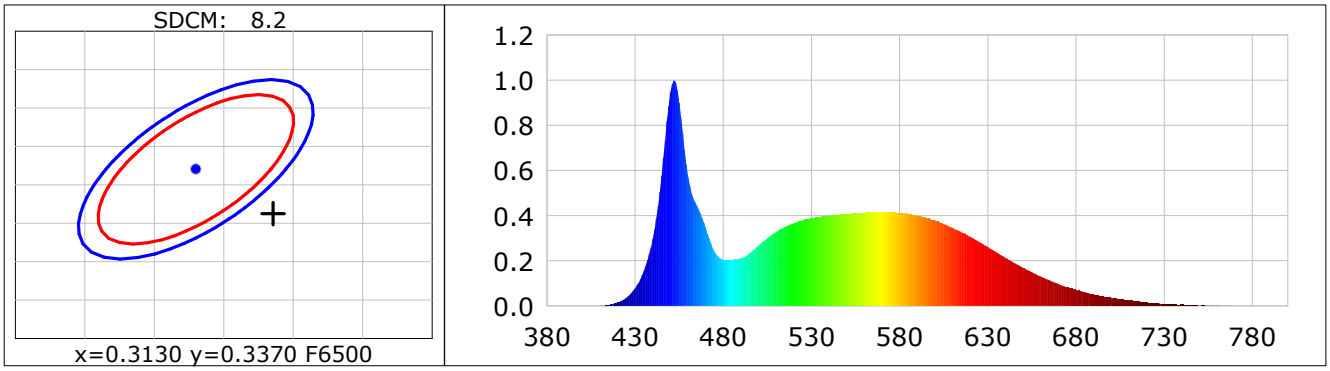
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3186 y=0.3312 u(u')=0.2011 v=0.3136 v'=0.4704
CCT: Tc=6182K (duv=0.00142) Color Ratio: R=0.140 G=0.805 B=0.055
Peak Wavelength: 452.1nm Half Bandwidth: 18.1nm
Dominant Wavelength: 489.9nm Color Purity: 0.051
CRI: Ra= 83.8, avgR(1~14)= 76.6, avgR(1~15)= 76.8 TM30: Rf= 82, Rg= 95
GAI: GAI_BB_8=91.9, GAI_BB_15=97.5, GAI_EES=88.3

R1 =83	R2 =89	R3 =91	R4 =83	R5 =83	R6 =83	R7 =88	R8 =71
R9 =12	R10=72	R11=82	R12=56	R13=85	R14=95	R15=79	

Color Quality Scale: Qa= 80.7, Qf= 80.5, Qp= 81.4, Qg= 92.1

Q1 =84	Q2 =98	Q3 =76	Q4 =69	Q5 =77	Q6 =81	Q7 =86	Q8 =90
Q9 =96	Q10=86	Q11=81	Q12=81	Q13=81	Q14=72	Q15=77	



Photometric Parameters

Luminous Flux: 2895.0 lm Efficiency: 177.55 lm/W Radiant Power: 9.227 W
Total mains efficacy: 164.42 lm/W Energy Efficiency Class: C (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6794A Power: 16.31W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 47048 (2026)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 107.41 ms

Condition: Tx:19.0'C, Ti:17.1'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-09 12:46:38
Operator: JORDAN GIL DIAZ
Inspector:

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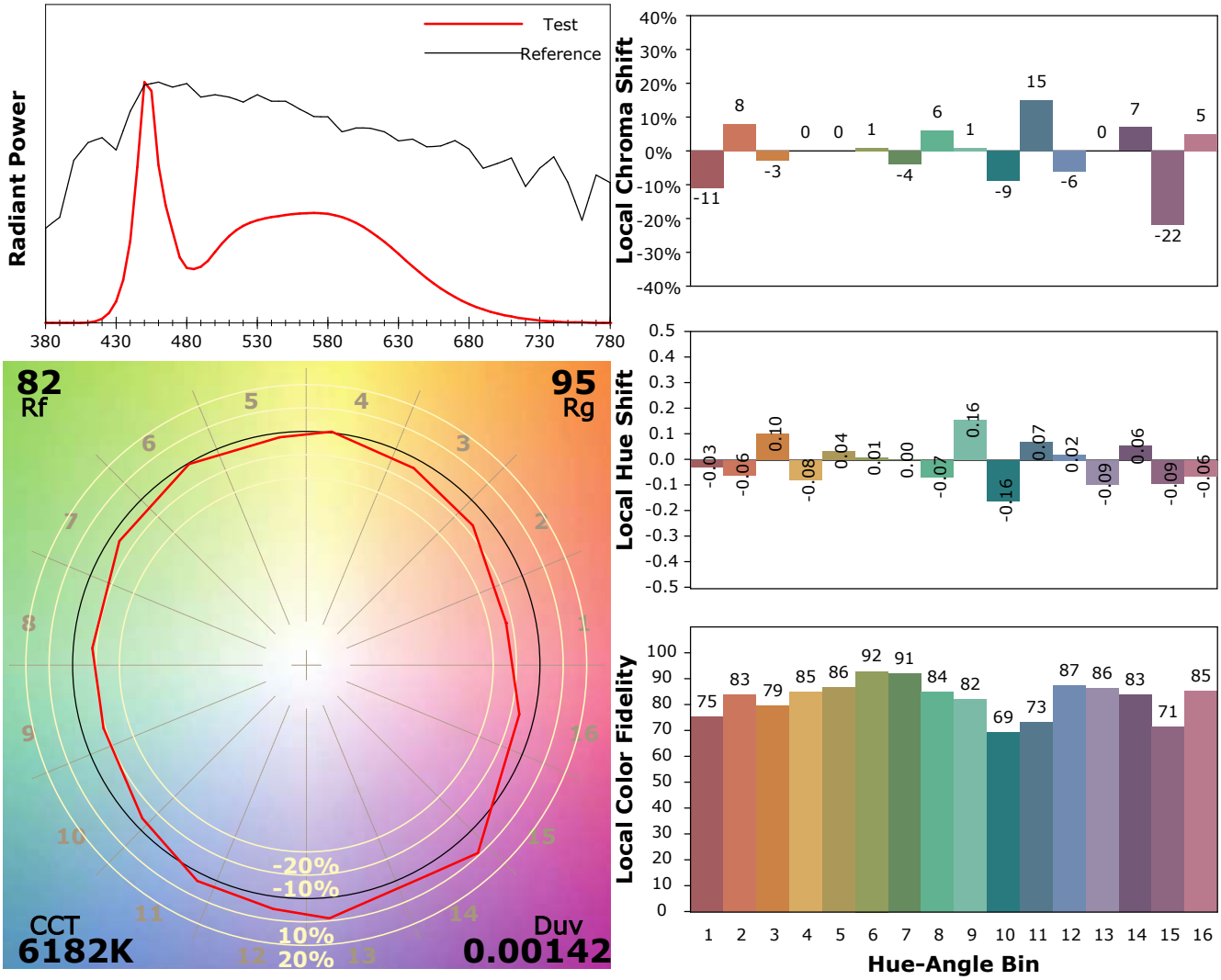
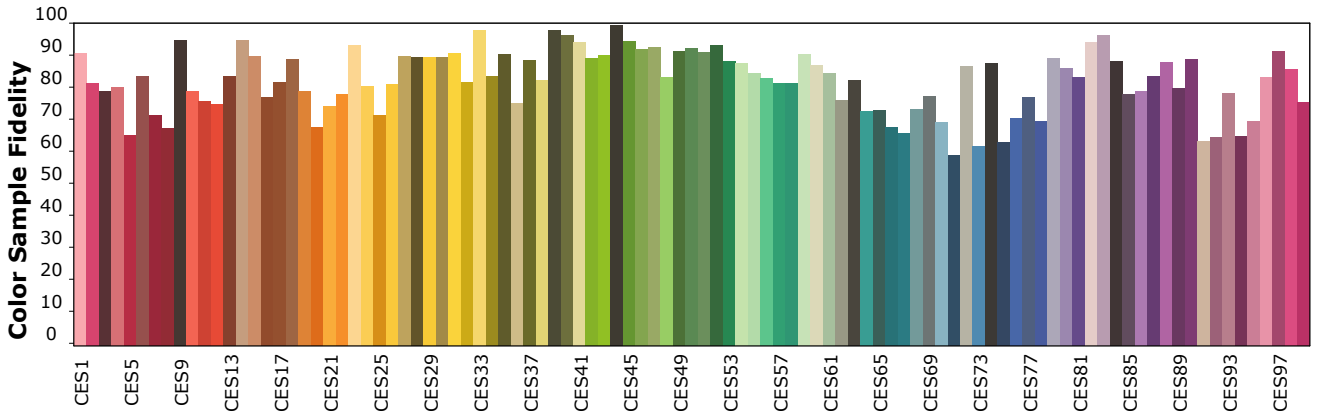
IES TM-30-18 Color Rendition Report

Product Infomation

Product Category: LED STRIP
Product Spec: KAUS 1
Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
Product Number: 420
Buyer: TECSOLED S.L.





Condition: Tx:19.0'C, Ti:17.1'C, R.H.:60%
Test Lab: TECSOLED S.L.
Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-09 12:46:38
Inspector: