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 6
Product Number: 426
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

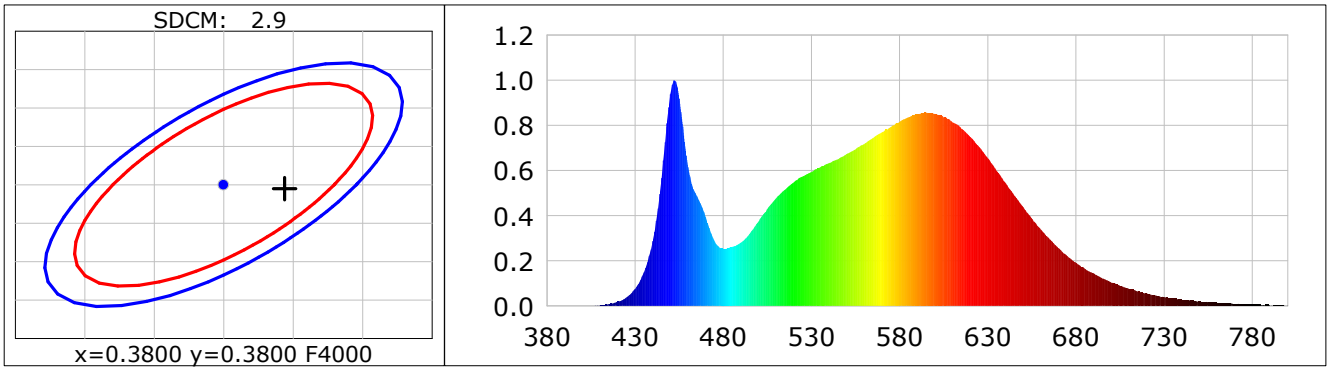
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3844 y=0.3795 u(u')=0.2266 v=0.3356 v'=0.5034
CCT: Tc=3915K (duv=0.00014) Color Ratio: R=0.187 G=0.777 B=0.036
Peak Wavelength: 452.3nm Half Bandwidth: 20.2nm
Dominant Wavelength: 579.3nm Color Purity: 0.293
CRI: Ra= 83.1, avgR(1~14)= 76.6, avgR(1~15)= 76.5 TM30: Rf= 83, Rg= 95
GAI: GAI_BB_8=91.9, GAI_BB_15=99.5, GAI_EES=71.2

R1 =82	R2 =90	R3 =95	R4 =81	R5 =82	R6 =86	R7 =85	R8 =64
R9 =9	R10=76	R11=80	R12=60	R13=84	R14=98	R15=76	

Color Quality Scale: Qa= 82.5, Qf= 82.7, Qp= 82.2, Qg= 92.3

Q1 =82	Q2 =98	Q3 =79	Q4 =75	Q5 =80	Q6 =83	Q7 =85	Q8 =89
Q9 =98	Q10=89	Q11=86	Q12=84	Q13=84	Q14=73	Q15=76	



Photometric Parameters

Luminous Flux: 2631.5 lm Efficiency: 167.76 lm/W Radiant Power: 7.923 W
Total mains efficacy: 155.35 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6536A Power: 15.69W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46511 (2092)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 210.77 ms

Condition: Tx:19.3'C, Ti:17.5'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-09 13:12:49
Operator: JORDAN GIL DIAZ
Inspector:

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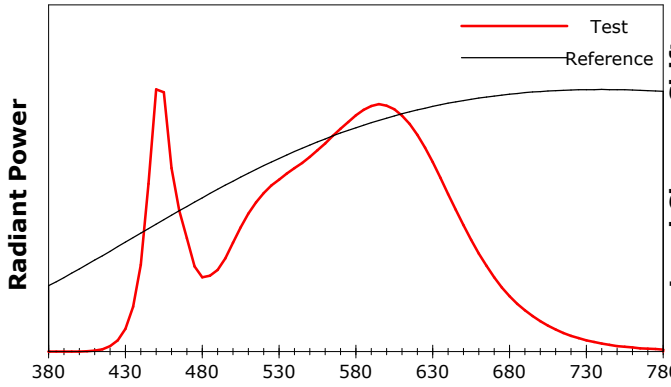
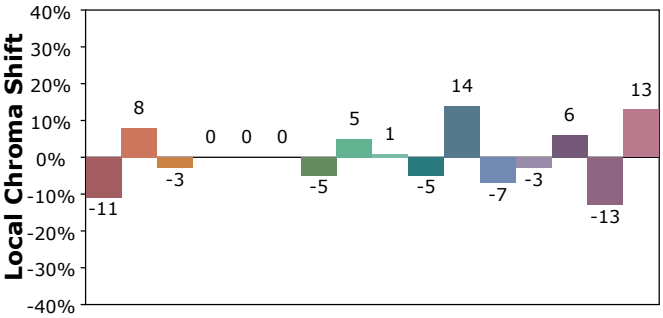
IES TM-30-18 Color Rendition Report

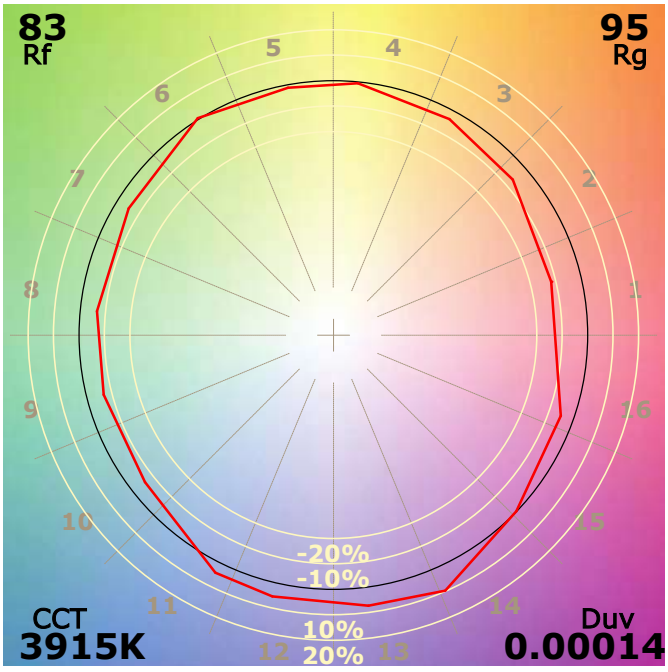
Product Infomation

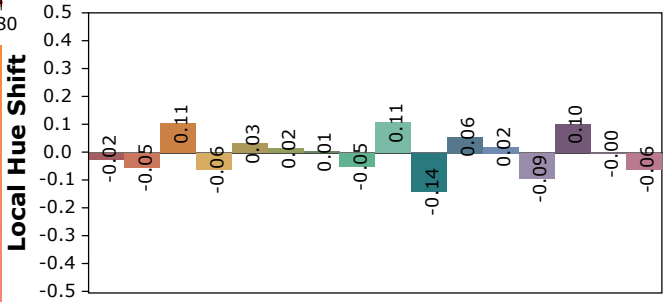
Product Category: LED STRIP
Product Spec: KAUS 6
Manufacturer: TECSOLED S.L.

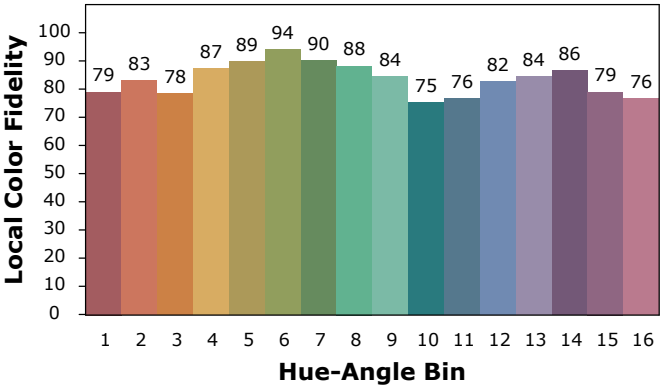
Product Type: LED STRIP
Product Number: 426
Buyer: TECSOLED S.L.

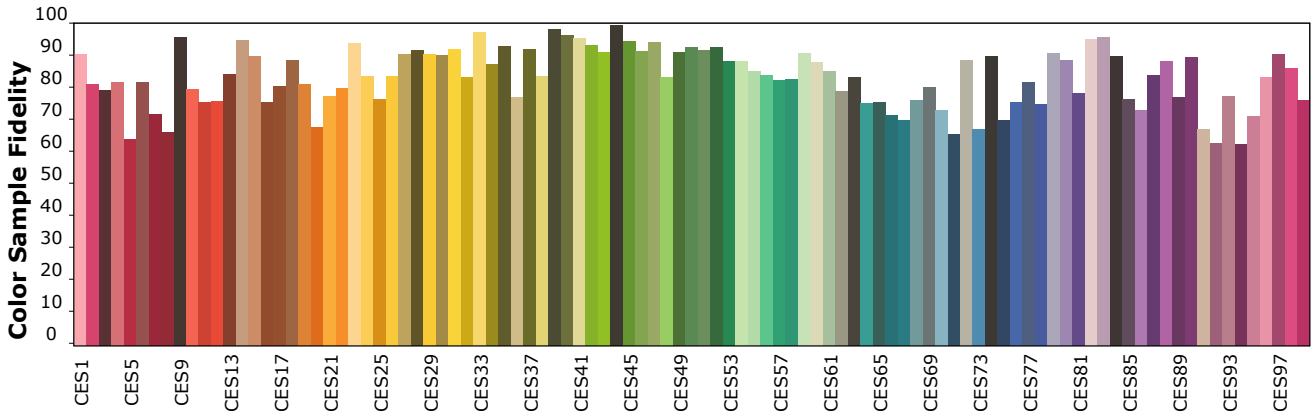












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Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-09 13:12:49
Inspector: