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 5
Product Number: 424
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

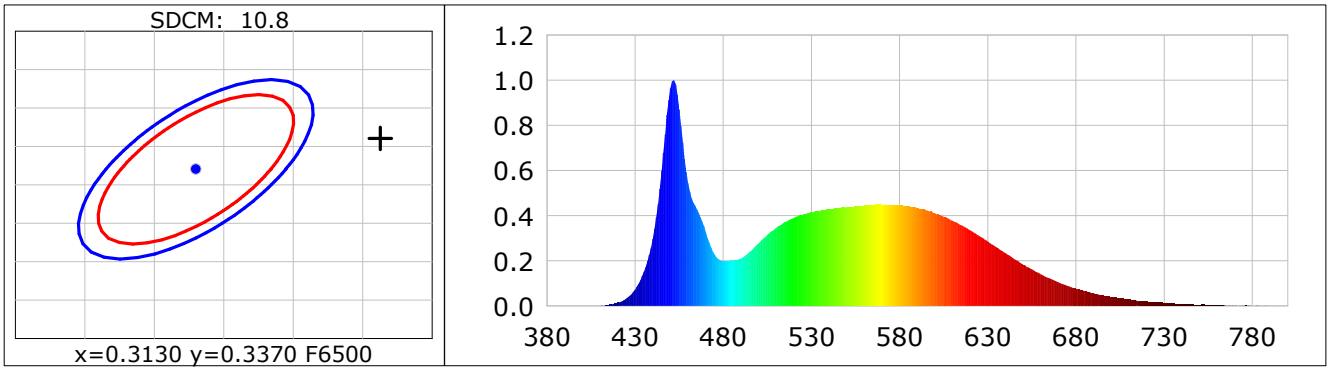
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3263 y=0.3410 u(u')=0.2027 v=0.3177 v'=0.4766
CCT: Tc=5776K (duv=0.00277) Color Ratio: R=0.143 G=0.807 B=0.051
Peak Wavelength: 451.7nm Half Bandwidth: 17.6nm
Dominant Wavelength: 506.9nm Color Purity: 0.021
CRI: Ra= 82.6, avgR(1~14)= 75.0, avgR(1~15)= 75.1 TM30: Rf= 82, Rg= 95
GAI: GAI_BB_8=91.1, GAI_BB_15=97.0, GAI_EES=85.4

R1 =81	R2 =88	R3 =91	R4 =82	R5 =81	R6 =82	R7 =87	R8 =68
R9 =6	R10=70	R11=81	R12=55	R13=83	R14=95	R15=76	

Color Quality Scale: Qa= 80.3, Qf= 80.2, Qp= 80.8, Qg= 91.7

Q1 =83	Q2 =98	Q3 =75	Q4 =70	Q5 =77	Q6 =81	Q7 =85	Q8 =89
Q9 =96	Q10=86	Q11=81	Q12=81	Q13=81	Q14=70	Q15=75	



Photometric Parameters

Luminous Flux: 2494.8 lm Efficiency: 166.81 lm/W Radiant Power: 7.792 W
Total mains efficacy: 154.47 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6232A Power: 14.96W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46968 (2053)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 132.50 ms

Condition: Tx:19.3'C, Ti:17.4'C, R.H.:60%
Test Device: Inventfine CMS-2S (Plus)
Test Lab: TECSOLED S.L.
Test Time: 2021-11-09 13:08:43
Operator: JORDAN GIL DIAZ
Inspector:

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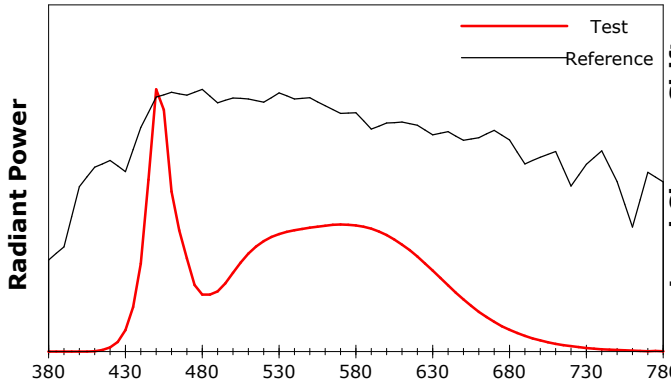
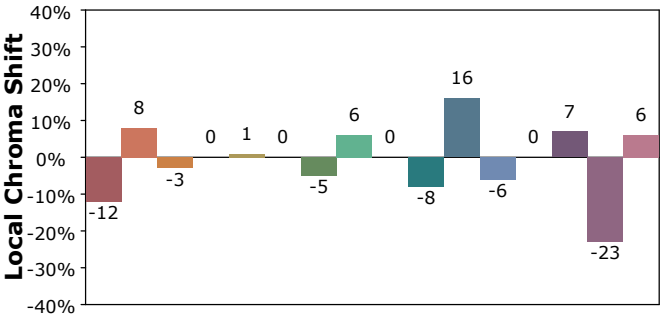
IES TM-30-18 Color Rendition Report

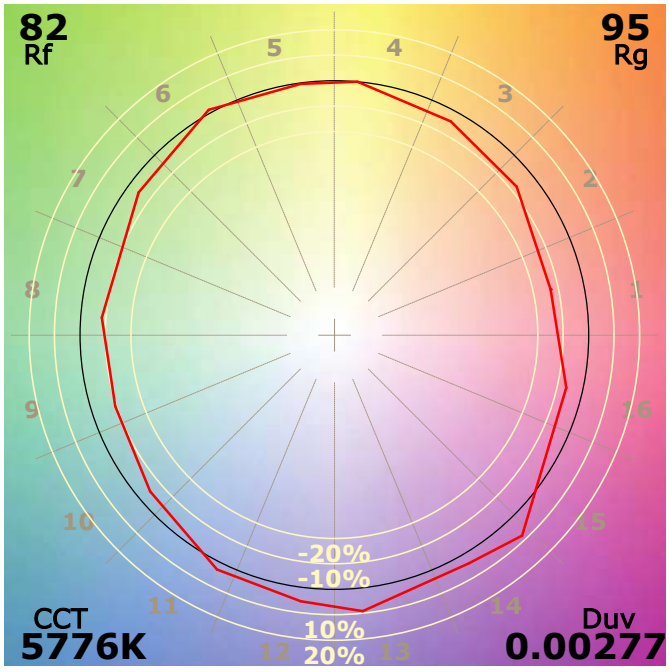
Product Infomation

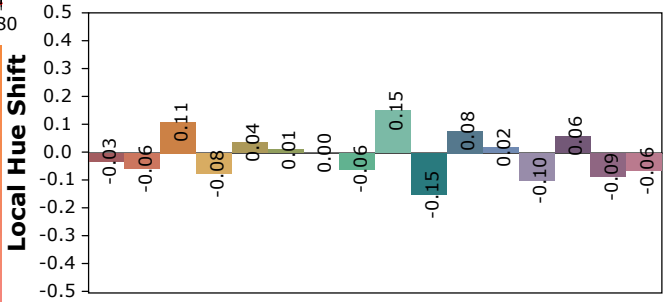
Product Category: LED STRIP
Product Spec: KAUS 5
Manufacturer: TECSOLED S.L.

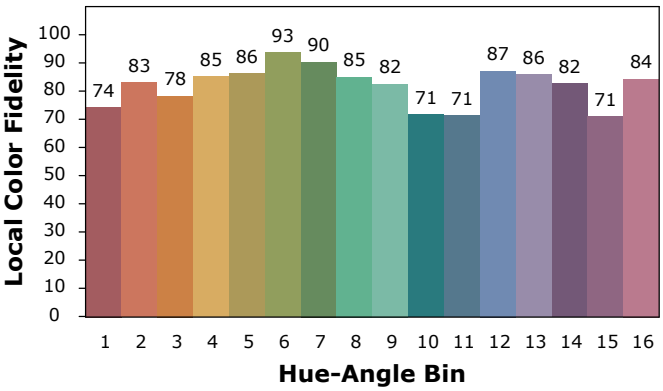
Product Type: LED STRIP
Product Number: 424
Buyer: TECSOLED S.L.

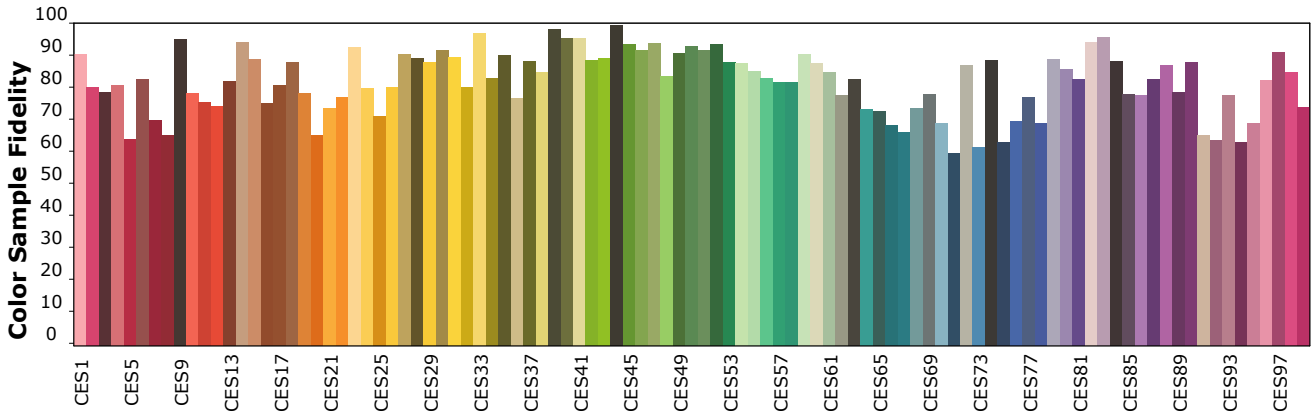












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Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-09 13:08:43
Inspector: