TECSOLED S.L.
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Tel: +34-881 924 421
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Lightsource Test Report

Product Infomation

Product Category: LED STRIP
Product Type: LED STRIP
Product Spec: KAUS 3
Product Number: 422
Manufacturer: TECSOLED S.L.
Buyer: TECSOLED S.L.

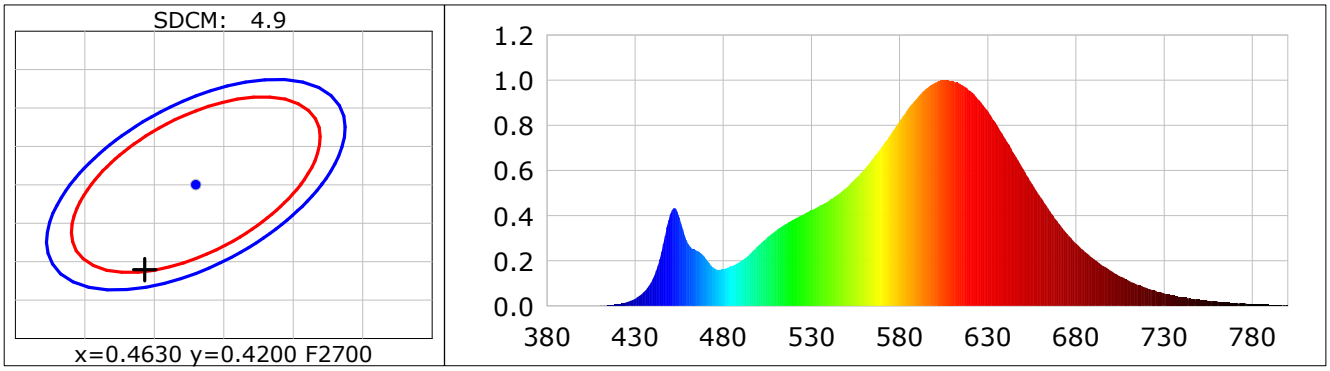
CIE Colorimetric Parameters

Chromaticity coordinates: x=0.4593 y=0.4089 u(u')=0.2629 v=0.3511 v'=0.5266
CCT: Tc=2695K (duv=-0.00058) Color Ratio: R=0.252 G=0.725 B=0.023
Peak Wavelength: 605.0nm Half Bandwidth: 112.3nm
Dominant Wavelength: 584.4nm Color Purity: 0.606
CRI: Ra= 82.0, avgR(1~14)= 77.2, avgR(1~15)= 76.9 TM30: Rf= 84, Rg= 95
GAI: GAI_BB_8=94.6, GAI_BB_15=102.9, GAI_EES=45.8

R1 =81	R2 =92	R3 =95	R4 =80	R5 =82	R6 =92	R7 =79	R8 =56
R9 =6	R10=83	R11=79	R12=76	R13=83	R14=98	R15=73	

Color Quality Scale: Qa= 82.1, Qf= 84.4, Qp= 84.0, Qg= 90.3

Q1 =77	Q2 =93	Q3 =85	Q4 =81	Q5 =83	Q6 =84	Q7 =83	Q8 =85
Q9 =94	Q10=90	Q11=87	Q12=83	Q13=82	Q14=72	Q15=73	



Photometric Parameters

Luminous Flux: 2705.4 lm Efficiency: 165.14 lm/W Radiant Power: 8.287 W
Total mains efficacy: 152.92 lm/W Energy Efficiency Class: D (EU 2019/2015)

Electric Parameters

Voltage: 24.000V Current: 0.6826A Power: 16.38W
Power Factor: 1.0000 Frequency: 0.00Hz

Test Infomation
Scan Range: 380~800:1nm
Stabilization Time: 0 Sec ALC.: 1.0000
Max of Signal: 46568 (2097)
Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 1.50m, 4PI
CCD Integration Time: 250.64 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 13:01:36
Operator: JORDAN GIL DIAZ
Inspector:

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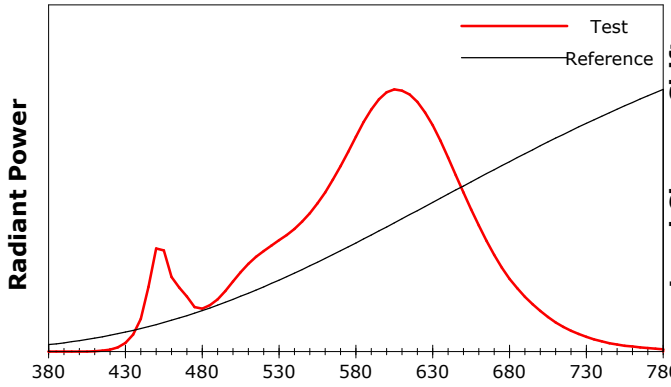
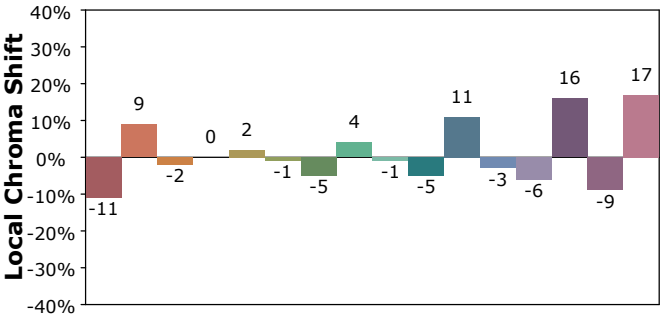
IES TM-30-18 Color Rendition Report

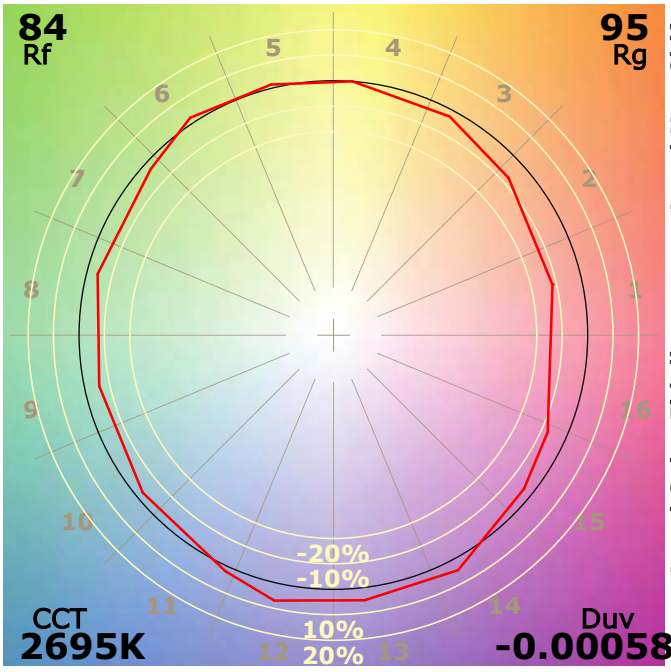
Product Infomation

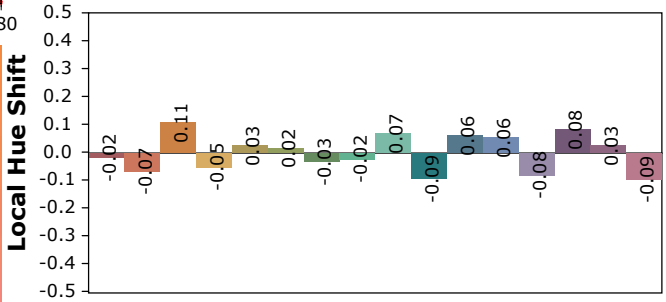
Product Category: LED STRIP
Product Spec: KAUS 3
Manufacturer: TECSOLED S.L.

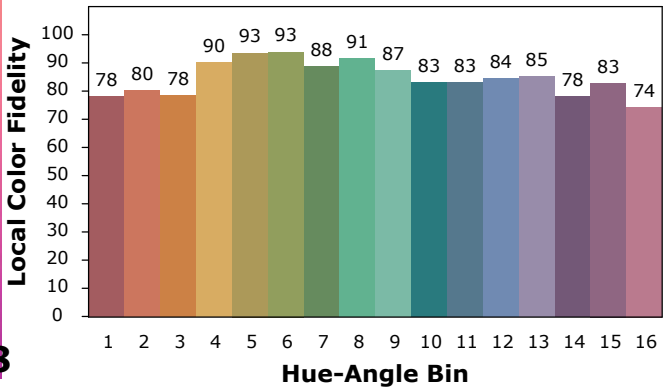
Product Type: LED STRIP
Product Number: 422
Buyer: TECSOLED S.L.

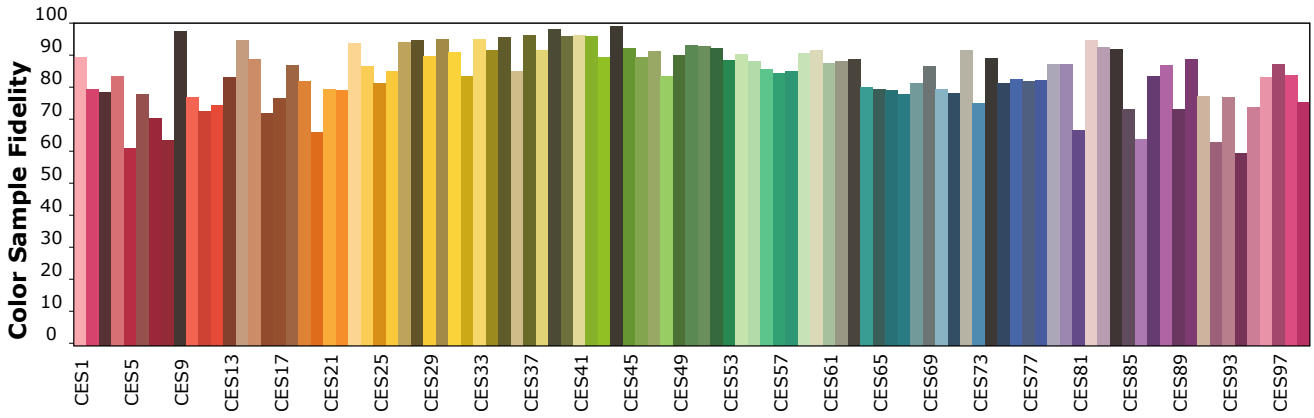












Condition: Tx:19.1'C, Ti:17.3'C, R.H.:60%
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Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2021-11-09 13:01:36
Inspector: