

Lightsource Test Report

Product Infomation

Product Category: LED STRIP	Product Type: LED STRIP
Product Spec: ARCO 10	Product Number: 317
Manufacturer: TECSOLELED S.L.	Buyer: TECSOLELED S.L.

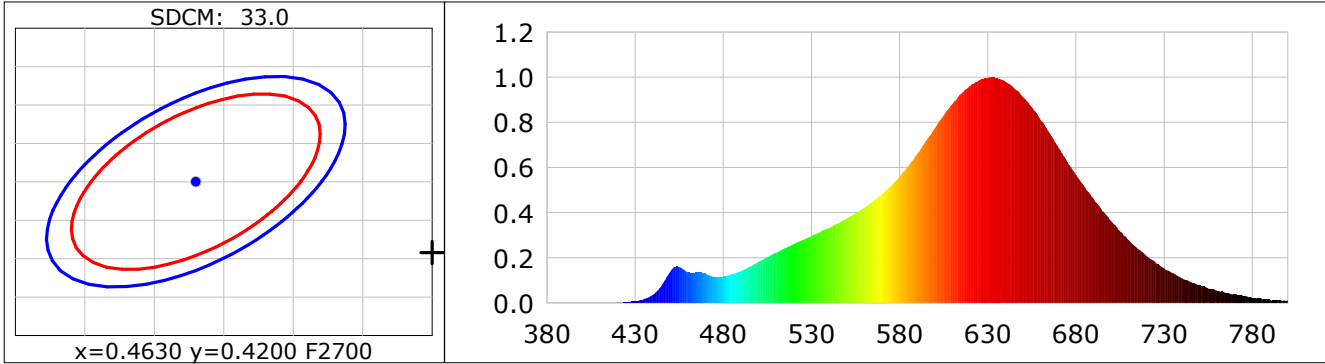
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5084$ $y=0.4108$ $u(u')=0.2942$ $v=0.3566$ $v'=0.5348$
 CCT: $T_c=2144K$ ($duv=-0.00134$) Color Ratio: $R=0.329$ $G=0.652$ $B=0.018$
 Peak Wavelength: 630.9nm Half Bandwidth: 113.5nm
 Dominant Wavelength: 588.1nm Color Purity: 0.759
 CRI: $R_a=93.5$, $avgR(1\sim14)=92.5$, $avgR(1\sim15)=92.3$ TM30: $R_f=92$, $R_g=100$
 GAI: $GAI_{BB_8}=107.9$, $GAI_{BB_15}=114.7$, $GAI_{EES}=32.1$

R1 =96	R2 =99	R3 =97	R4 =96	R5 =97	R6 =94	R7 =88	R8 =80
R9 =63	R10=100	R11=99	R12=89	R13=97	R14=99	R15=90	

 Color Quality Scale: $Q_a=85.8$, $Q_f=92.9$, $Q_p=97.7$, $Q_g=90.7$

Q1 =82	Q2 =87	Q3 =88	Q4 =87	Q5 =88	Q6 =89	Q7 =87	Q8 =85
Q9 =88	Q10=90	Q11=88	Q12=86	Q13=85	Q14=83	Q15=82	



Photometric Parameters

Luminous Flux: 995.06 lm	Efficiency: 74.04 lm/W	Radiant Power: 3.909 W
Total mains efficacy: 68.56 lm/W	Energy Efficiency Class: G (EU 2019/2015)	

Electric Parameters

Voltage: 24.000V	Current: 0.5600A	Power: 13.44W
Power Factor: 1.0000	Frequency: 0.00Hz	

Test Infomation

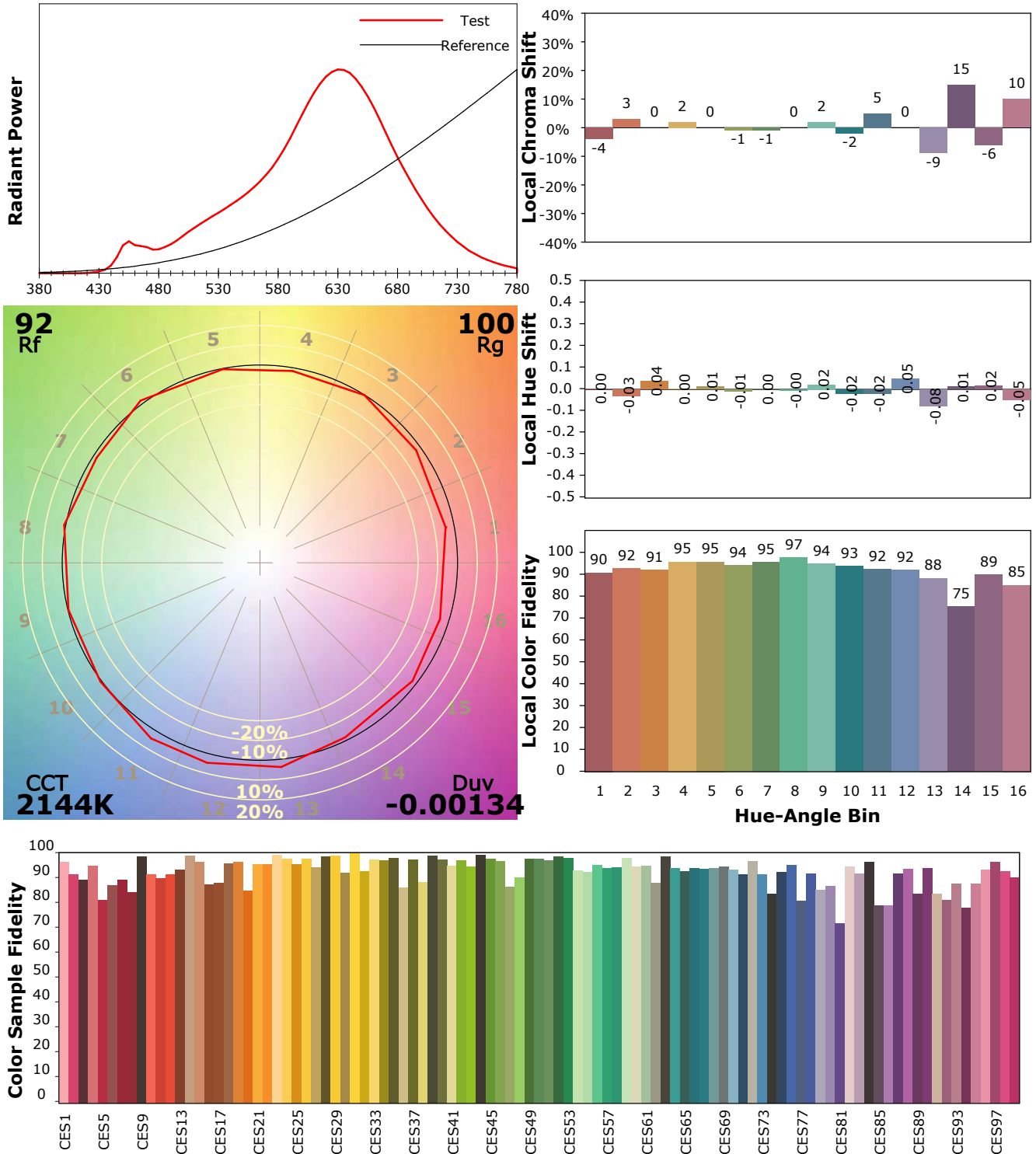
Scan Range: 380~800:1nm	Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 Sec ALC.: 1.0000	Photometric Condition: Sphere diameter: 1.50m, 4PI
Max of Signal: 46224 (2239)	CCD Integration Time: 541.71 ms

IES TM-30-18 Color Rendition Report

Product Information

Product Category: LED STRIP
 Product Spec: 21059602440599
 Manufacturer: TECSOLED S.L.

Product Type: LED STRIP
 Product Number: 317
 Buyer: TECSOLED S.L.



Condition: Tx:20.4'C, Ti:18.9'C, R.H.:60%
 Test Lab: TECSOLED S.L.
 Operator: JORDAN GIL DIAZ

Test Device: Inventfine CMS-2S (Plus)
 Test Time: 2021-11-02 11:06:01
 Inspector: