

NORDECOR Lightsource Test Report

Product Information

Product Category: ESPETO LED KENY 2W 3000K
Product Number: 3

Product Spec: 6990
Manufacturer: NORDECOR

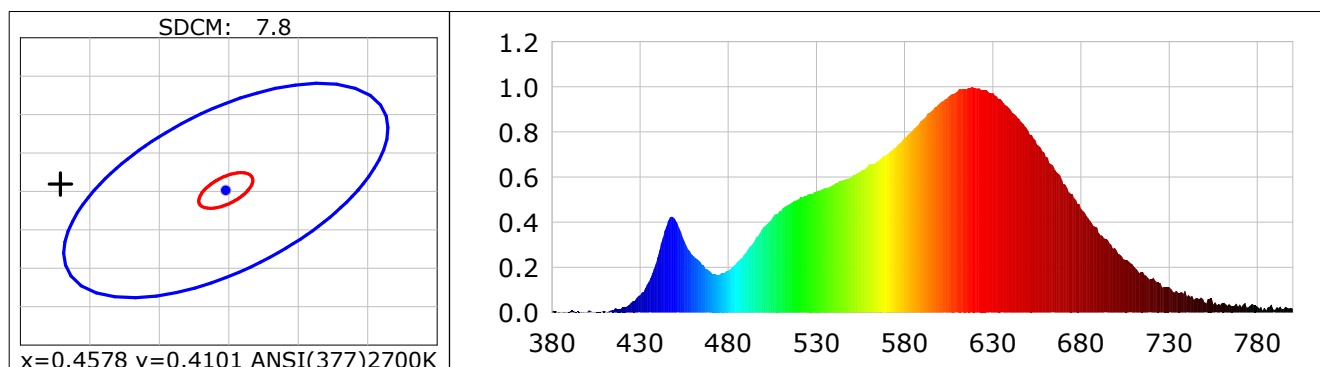
CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4459$ $y=0.4109$ $u(u')=0.2534$ $v=0.3503$ $v'=0.5254$
CCT: $T_c=2910K$ ($duv=0.00154$) Color Ratio: $R=0.248$ $G=0.727$ $B=0.026$
Peak Wavelength: 618.3nm Half Bandwidth: 157.7nm
Dominant Wavelength: 582.7nm Color Purity: 0.572
Central Wave: 598.1nm Gravity Wave: 604.7nm
CRI: $R_a=92.5$, $avgR(1\sim14)=89.6$, $avgR(1\sim15)=89.5$ TM30: $R_f=92$, $R_g=99$
GAI: $GAI_BB_8=93.7$, $GAI_BB_15=97.9$, $GAI_EES=51.4$

R1 =92	R2 =95	R3 =98	R4 =94	R5 =93	R6 =96	R7 =91	R8 =80
R9 =53	R10=89	R11=96	R12=85	R13=93	R14=98	R15=87	TLCI=88

Color Quality Scale: $Q_a=91.4$, $Q_f=93.2$, $Q_p=92.5$, $Q_g=95.1$

Q1 =87	Q2 =96	Q3 =91	Q4 =92	Q5 =93	Q6 =92	Q7 =93	Q8 =94
Q9 =97	Q10=95	Q11=94	Q12=94	Q13=93	Q14=85	Q15=86	



Photometric Parameters

Luminous Flux: 98.502 lm Efficiency: 49.75 lm/W Radiant Power: 0.331 W
Total mains efficacy: 49.75 lm/W Energy Efficiency Class: G (EU 2019/2015)
Melanin Flux: 0.061 W M/R: 0.5140 MDER: 0.4678
Mesopic Flux (CIE R.): 110.26 lm ($L_p=0.100$ cd/m², $S/P=1.36$)
Mesopic Flux (USP): 120.32 lm ($L_p=0.100$ cd/m², $S/P=1.36$)
Mesopic Flux (MOVE): 112.28 lm ($L_p=0.100$ cd/m², $S/P=1.36$)

Electric Parameters

Voltage: 110.20V Current: 0.0300A Power: 1.98W
Power Factor: 0.5930 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 45631 (3941)

Photometric Method: sphere-spectroradiometer
Photometric Condition: Sphere diameter: 2.00m, 4PI
CCD Integration Time: 3156.37 ms

Condition: Tx:23.6'C, Ti:23.0'C, R.H.:60%
Test Lab:
Operator:

Test Device: CMS-2S (Plus)
Test Time: 2026-02-10 10:17:32
Auditor:

NORDECOR

IES TM-30-18 Color Rendition Report

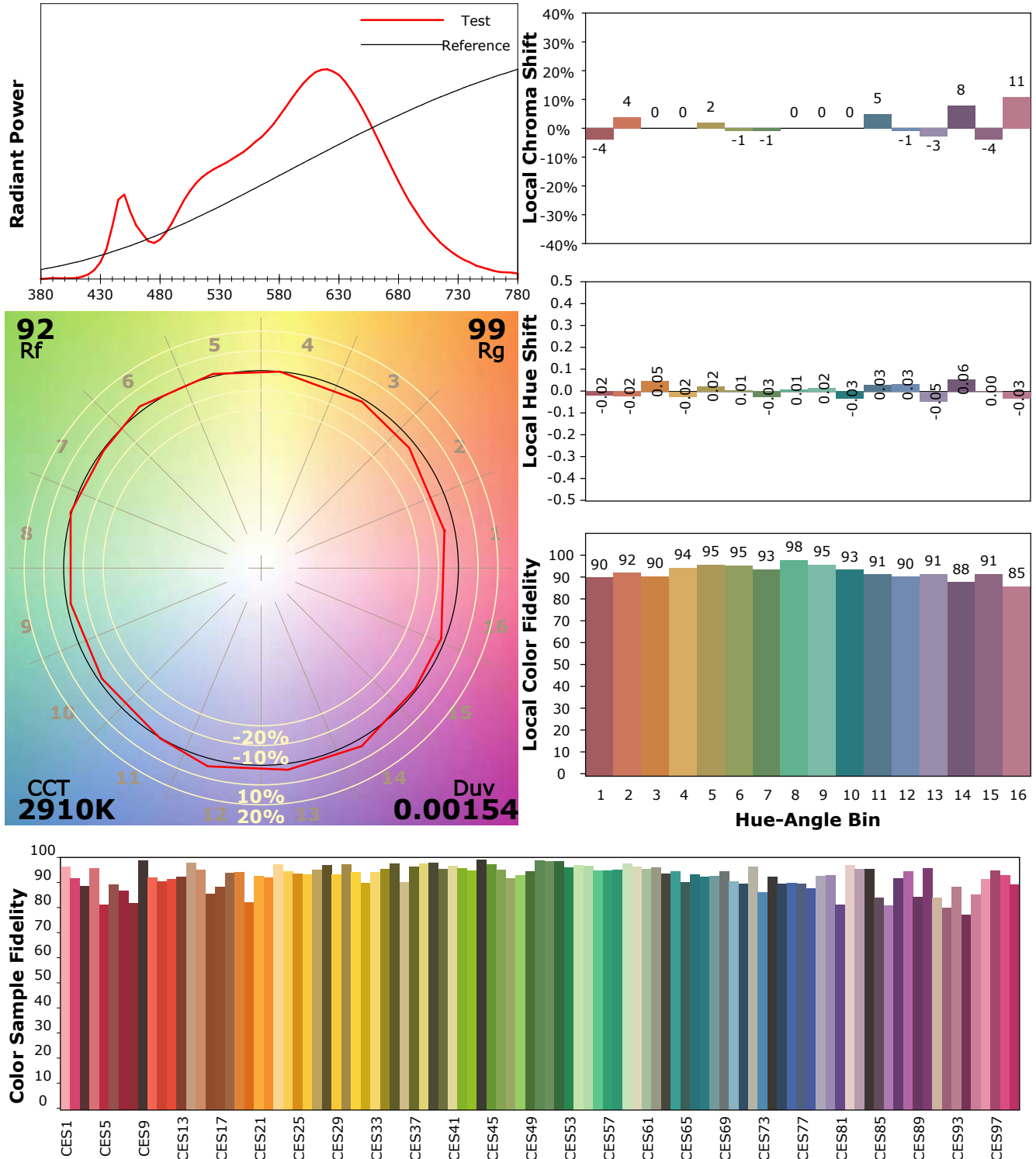
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