

NORDECOR Lightsource Test Report

Product Information

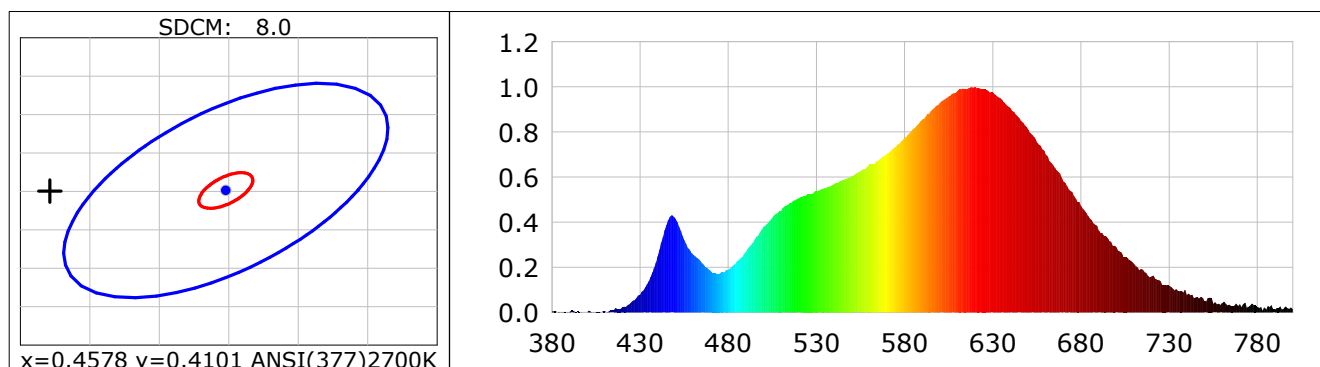
Product Category: ESPETO LED KENY 2W 3000K
Product Number: 2

Product Spec: 6990
Manufacturer: NORDECOR

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4451$ $y=0.4100$ $u(u')=0.2533$ $v=0.3499$ $v'=0.5249$
CCT: $T_c=2914K$ ($duv=0.00127$) Color Ratio: $R=0.248$ $G=0.726$ $B=0.026$
Peak Wavelength: 619.8nm Half Bandwidth: 158.9nm
Dominant Wavelength: 582.8nm Color Purity: 0.567
Central Wave: 597.9nm Gravity Wave: 605.3nm
CRI: $R_a=92.7$, $avgR(1\sim14)=90.0$, $avgR(1\sim15)=89.8$ TM30: $R_f=93$, $R_g=99$
GAI: $GAI_BB_8=94.7$, $GAI_BB_15=98.8$, $GAI_EES=52.1$

R1 =93	R2 =96	R3 =98	R4 =94	R5 =93	R6 =96	R7 =91	R8 =80
R9 =55	R10=90	R11=96	R12=86	R13=93	R14=98	R15=87	TLCI=89
Color Quality Scale: $Q_a=91.5$, $Q_f=93.3$, $Q_p=92.8$, $Q_g=95.4$							
Q1 =87	Q2 =96	Q3 =91	Q4 =92	Q5 =93	Q6 =92	Q7 =93	Q8 =94
Q9 =97	Q10=95	Q11=95	Q12=94	Q13=93	Q14=86	Q15=86	


Photometric Parameters

Luminous Flux: 100.39 lm Efficiency: 51.22 lm/W Radiant Power: 0.339 W
Total mains efficacy: 51.22 lm/W Energy Efficiency Class: G (EU 2019/2015)
Melanin Flux: 0.062 W M/R: 0.5175 MDER: 0.4709
Mesopic Flux (CIE R.): 112.56 lm ($L_p=0.100$ cd/m², $S/P=1.37$)
Mesopic Flux (USP): 122.95 lm ($L_p=0.100$ cd/m², $S/P=1.37$)
Mesopic Flux (MOVE): 114.65 lm ($L_p=0.100$ cd/m², $S/P=1.37$)

Electric Parameters

Voltage: 220.40V Current: 0.0200A Power: 1.96W
Power Factor: 0.4520 Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm
Stabilization Time: 0 ms ALC.: 1.0000
Max of Signal: 46374 (3780)

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

Condition: $T_x=23.6^{\circ}C$, $T_i=22.9^{\circ}C$, R.H.:60%
Test Lab:
Operator:

Test Device: CMS-2S (Plus)
Test Time: 2026-02-10 10:16:38
Auditor:

NORDECOR

IES TM-30-18 Color Rendition Report

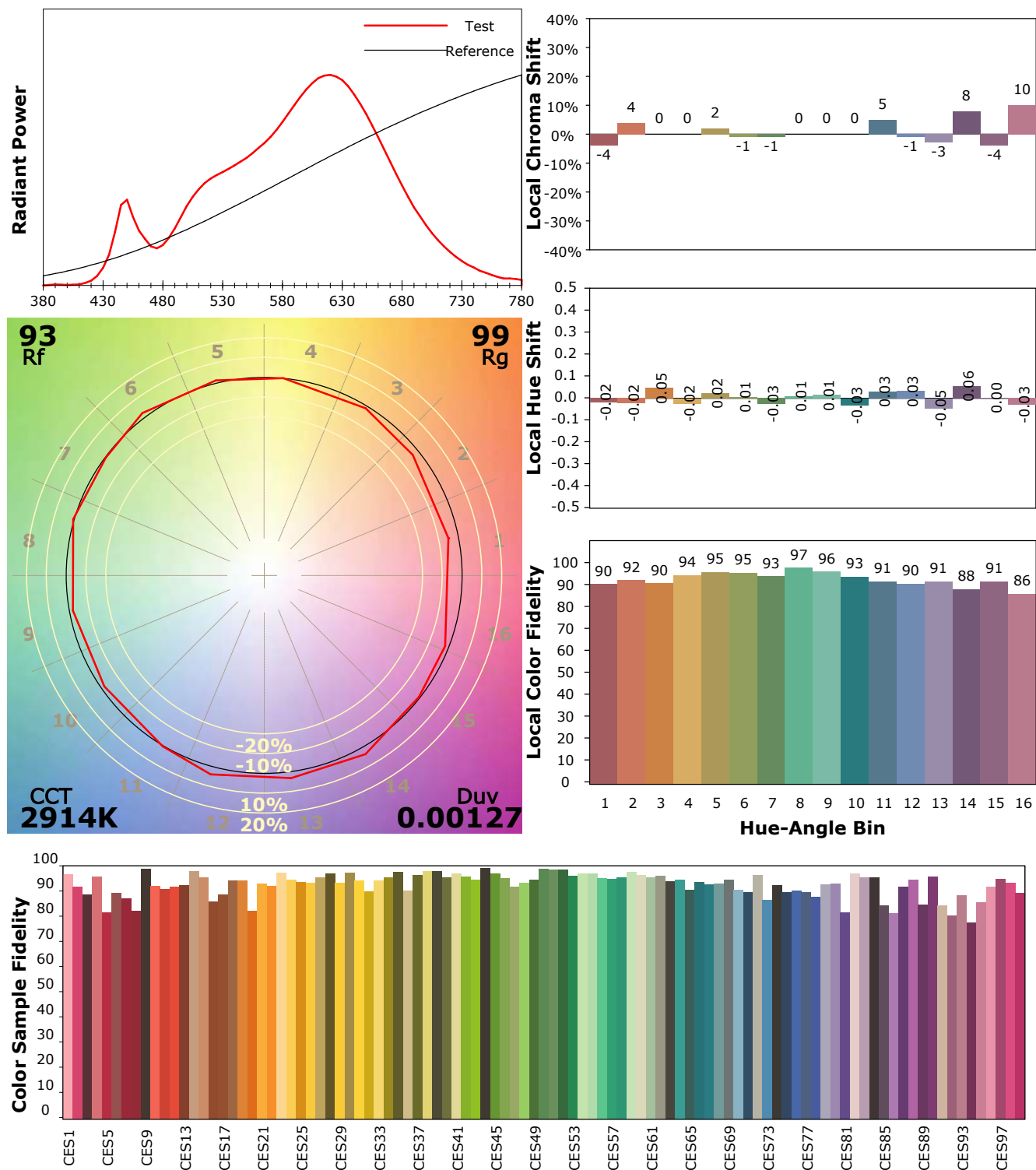
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