

NORDECOR Lightsource Test Report

Product Information

Product Category: ESPETO LED KENY 2W 80LM 3K

Product Spec: 6991

Product Number: 2

Manufacturer: NORDECOR

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4473$ $y=0.4094$ $u(u')=0.2549$ $v=0.3500$ $v'=0.5250$ CCT: $T_c=2876K$ ($duv=0.00080$)Color Ratio: $R=0.251$ $G=0.722$ $B=0.026$

Peak Wavelength: 618.1nm

Half Bandwidth: 154.9nm

Dominant Wavelength: 583.1nm

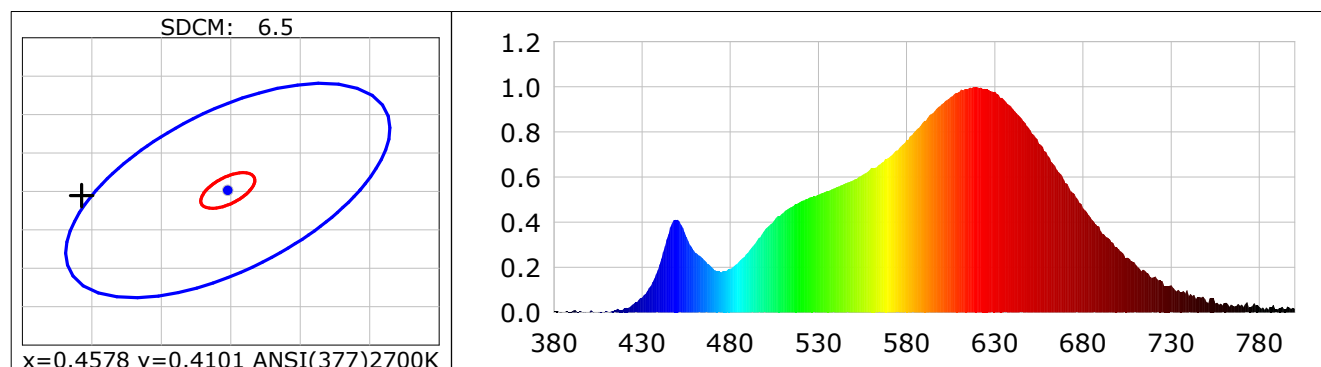
Color Purity: 0.572

Central Wave: 599.7nm

Gravity Wave: 605.8nm

CRI: $R_a=93.1$, $avgR(1\sim14)=90.5$, $avgR(1\sim15)=90.3$ TM30: $R_f=93$, $R_g=99$ GAI: $GAI_BB_8=95.8$, $GAI_BB_15=100.4$, $GAI_EES=51.6$ $R1=93$ $R2=96$ $R3=99$ $R4=95$ $R5=94$ $R6=97$ $R7=91$ $R8=80$ $R9=55$ $R10=91$ $R11=97$ $R12=86$ $R13=94$ $R14=99$ $R15=88$

TLCI=89

Color Quality Scale: $Q_a=91.7$, $Q_f=93.5$, $Q_p=93.1$, $Q_g=95.4$ $Q1=88$ $Q2=96$ $Q3=92$ $Q4=92$ $Q5=94$ $Q6=93$ $Q7=93$ $Q8=94$ $Q9=97$ $Q10=95$ $Q11=95$ $Q12=94$ $Q13=93$ $Q14=86$ $Q15=86$ 

Photometric Parameters

Luminous Flux: 102.07 lm

Efficiency: 52.34 lm/W

Radiant Power: 0.346 W

Total mains efficacy: 52.34 lm/W Energy Efficiency Class: G (EU 2019/2015)

Melanin Flux: 0.063 W M/R: 0.5168 MDER: 0.4703

Mesopic Flux (CIE R.): 114.26 lm ($L_p=0.100$ cd/m², $S/P=1.36$)Mesopic Flux (USP): 124.69 lm ($L_p=0.100$ cd/m², $S/P=1.36$)Mesopic Flux (MOVE): 116.36 lm ($L_p=0.100$ cd/m², $S/P=1.36$)

Electric Parameters

Voltage: 110.20V

Current: 0.0300A

Power: 1.95W

Power Factor: 0.5890

Frequency: 60.00Hz

Test Information

Scan Range: 380~800:1nm

Stabilization Time: 0 ms ALC.: 1.0000

Max of Signal: 44933 (3977)

Photometric Method: sphere-spectroradiometer

Photometric Condition: Sphere diameter: 2.00m, 4PI

CCD Integration Time: 2998.21 ms

Condition: $T_x=25.1^{\circ}C$, $T_i=22.7^{\circ}C$, R.H.:60%

Test Lab:

Operator:

Test Device: CMS-2S (Plus)

Test Time: 2026-03-19 09:02:23

Auditor:

NORDECOR

IES TM-30-18 Color Rendition Report

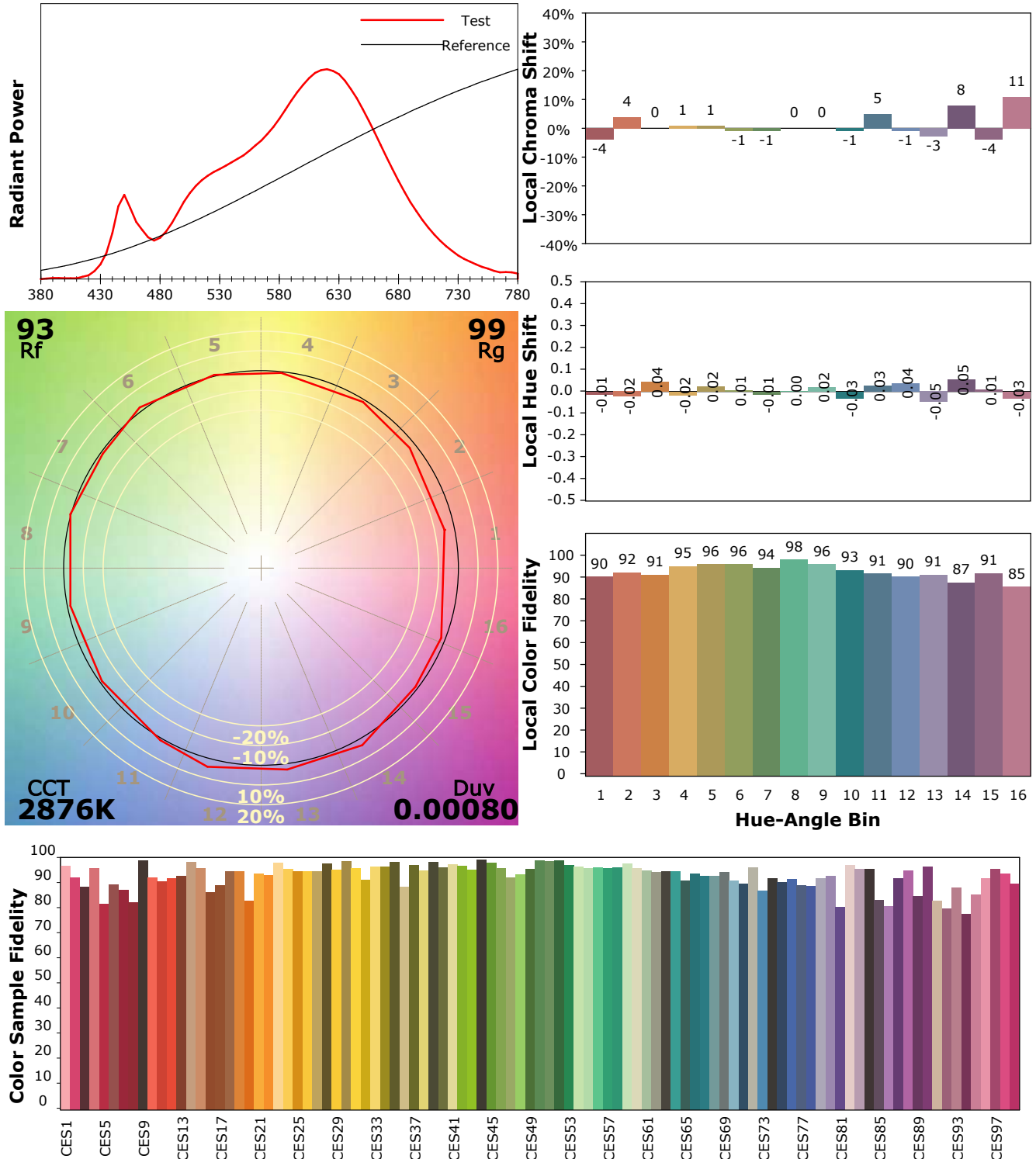
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