Lightsource Test Report

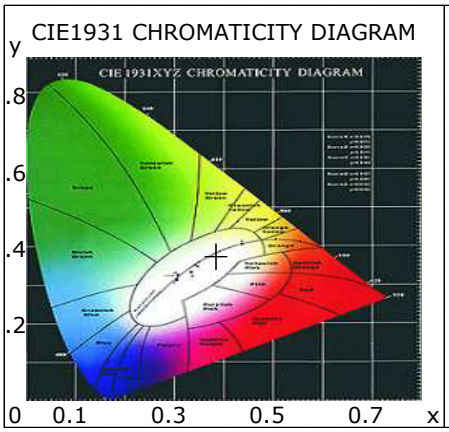
Product Information

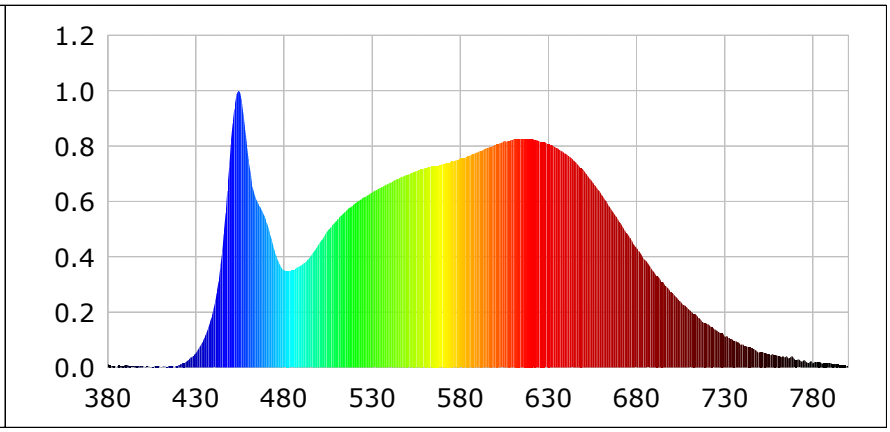
Product Spec: KL-LP225R-18W-4000K-WH Product Number: 4000K

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3850 y=0.3779 u(u')=0.2276 v=0.3352 v'=0.5027
CCT: Tc=4007K (duv=-0.00192) Color Ratio: R=0.203 G=0.754 B=0.043
Peak Wavelength: 454nm Half Bandwidth: 25.3nm
Dominant Wavelength: 579.9nm Color Purity: 0.289
Color Render Index: Ra= 92.6, CRI= 91.1

R1 =95	R2 =98	R3 =97	R4 =92	R5 =93	R6 =94	R7 =93	R8 =88
R9 =78	R10=92	R11=92	R12=70	R13=96	R14=98	R15=93	





Photometric Parameters

Luminous Flux: 1779.66 lm Efficiency: 98.27 lm/W Radiant Power: 5.960 W

Electric Parameters

Voltage: 24.00V Current: 0.7545A Power: 18.11W
Power Factor: 0.0000 Frequency: 0.00Hz

Test Information
Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 2.00m, 4∏
Max of Signal: 42635 (5320) CCD Integration Time: 818.14 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60% Test Device: Inventfine CMS-2
Test Lab: Test Time: 2025-08-18 15:11:21
Operator: Inspector: