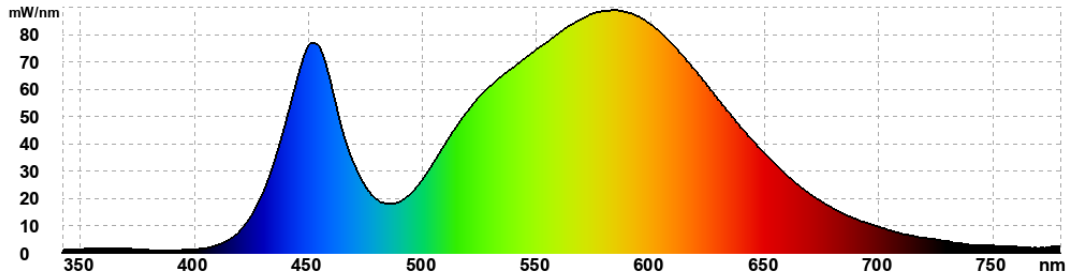


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4188_D_20240403_M_S
 Measurement time: 2024-04-03 10:08:29
 Report time: 2024-04-09
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 23.6 [C]

Client name: LED line LITE
 Model name: Naświetlacz LUMINO 50W 4000K 5000lm
 Item No: 203310
 Serial No.: 49709
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|---------|
| x | 0.3817 |
| y | 0.3834 |
| u' | 0.2233 |
| v' | 0.5046 |
| L | 100 |
| a | 7.79 |
| b | 34.87 |
| X | 4920.28 |
| Y | 4942.29 |
| Z | 3029.04 |

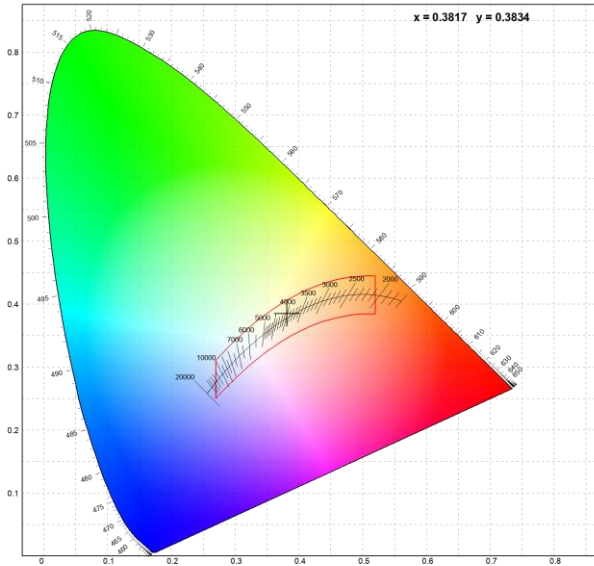
| CIE 1964 10° observer | |
|-----------------------|---------|
| x | 0.3894 |
| y | 0.3764 |
| u' | 0.2312 |
| v' | 0.5028 |
| L | 100 |
| a | 14.75 |
| b | 33.22 |
| X | 5385.82 |
| Y | 5206.29 |
| Z | 3239.79 |

| Other | |
|--------------------|-------------|
| CCT [K] | 4015 |
| Chromaticity Error | 0.004 |
| Color Peak | 583.36 |
| Color Peak Value | 88.5095 |
| Color Dominant | 577.6 |
| Luminous Flux [lm] | 4942.29 |
| Purity | 0.296 |
| Radiometric | 14.3042 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 103.63 lm/W |
| Power [W] | 47.6926 |
| Power Factor | 0.986 |
| Current [A] | 0.21 |
| Voltage [V] | 230.047 |
| Duv | 0.0027 |

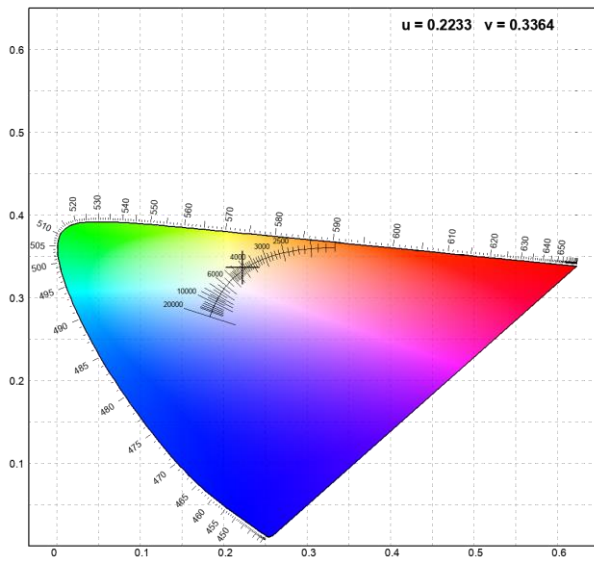
| Rendering Indices | |
|-------------------|-------|
| Ra | 73.3 |
| R1 | 69.5 |
| R2 | 80.9 |
| R3 | 89.4 |
| R4 | 70.6 |
| R5 | 69.2 |
| R6 | 72.6 |
| R7 | 82.1 |
| R8 | 52.1 |
| R9 | -29.0 |
| R10 | 54.1 |
| R11 | 65.1 |
| R12 | 45.2 |
| R13 | 71.7 |
| R14 | 93.9 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 2.0 |
| Miuv | 4.2 |

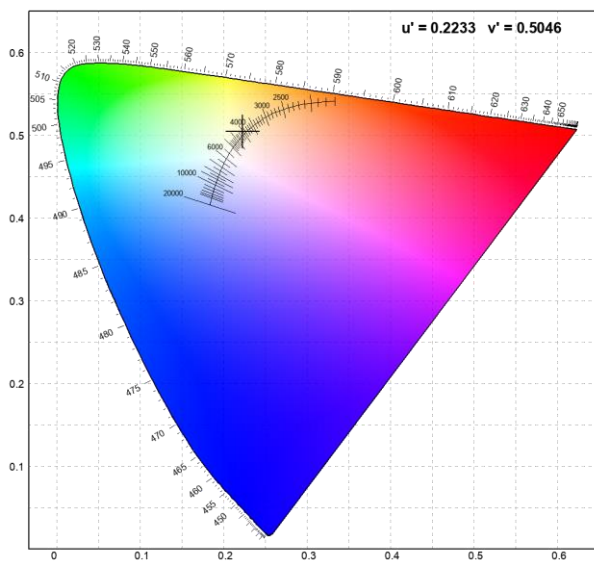
CIE 1931



CIE 1960



CIE 1976



CRI

