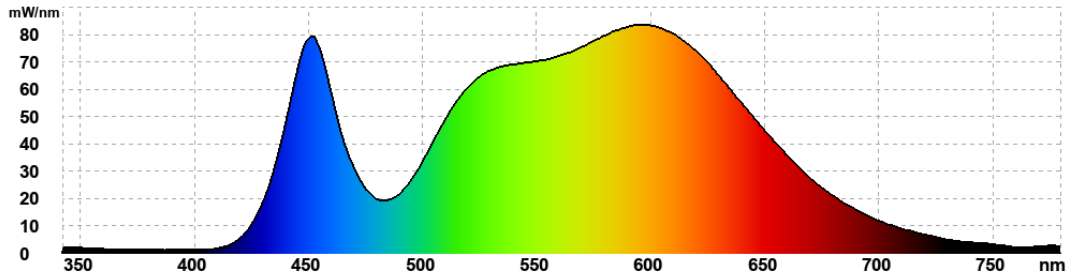


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3991_D_20240115_M_S
 Measurement time: 2024-01-15 12:33:02
 Report time: 2024-01-17
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 22.8 [C]

Client name: LED line LITE
 Model name: Naświetlacz PHOTON 50W 4000K 5000lm
 Item No: 203549
 Serial No.: 62211
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|---------|
| x | 0.3822 |
| y | 0.3830 |
| u' | 0.2238 |
| v' | 0.5046 |
| L | 100.00 |
| a | 8.19 |
| b | 34.85 |
| X | 4894.20 |
| Y | 4904.22 |
| Z | 3006.87 |

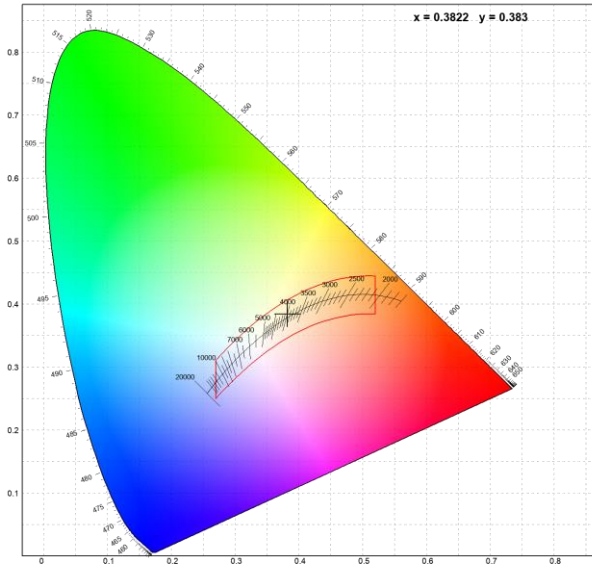
| CIE 1964 10° observer | |
|-----------------------|---------|
| x | 0.3888 |
| y | 0.3779 |
| u' | 0.2302 |
| v' | 0.5033 |
| L | 100.00 |
| a | 13.83 |
| b | 33.66 |
| X | 5336.58 |
| Y | 5186.32 |
| Z | 3201.67 |

| Other | |
|--------------------|---------------|
| CCT [K] | 3999 |
| Chromaticity Error | 0.003 |
| Color Peak | 595.08 |
| Color Peak Value | 83.13 |
| Color Dominant | 577.9 |
| Luminous Flux [lm] | 4904.22 |
| Purity | 0.297 |
| Radiometric | 14.8510 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 101.5947 lm/W |
| Power [W] | 48.2724 |
| Power Factor | 0.987 |
| Current [A] | 0.2125 |
| Voltage [V] | 229.992 |
| Duv | 0.0023 |

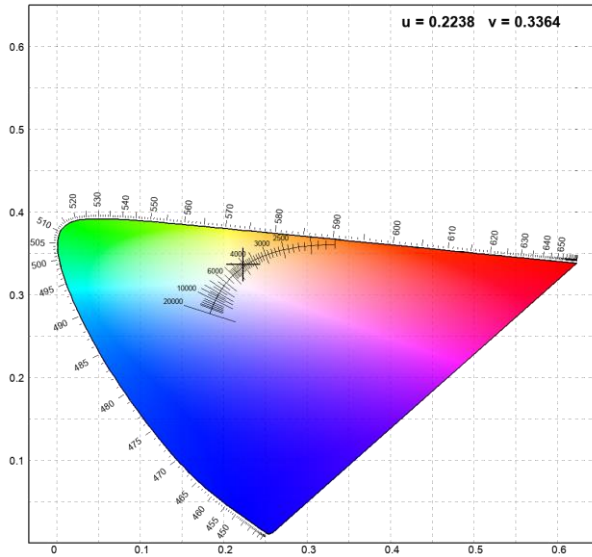
| Rendering Indices | |
|-------------------|------|
| Ra | 82.3 |
| R1 | 81.3 |
| R2 | 86.6 |
| R3 | 90.6 |
| R4 | 83.0 |
| R5 | 80.5 |
| R6 | 81.5 |
| R7 | 87.7 |
| R8 | 67.1 |
| R9 | 11.0 |
| R10 | 67.3 |
| R11 | 81.6 |
| R12 | 57.0 |
| R13 | 82.3 |
| R14 | 94.4 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 1.7 |
| Miuv | 4.2 |

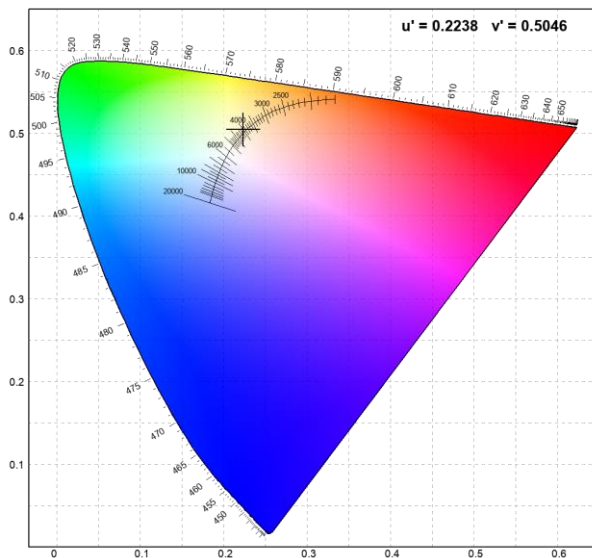
CIE 1931



CIE 1960



CIE 1976



CRI

