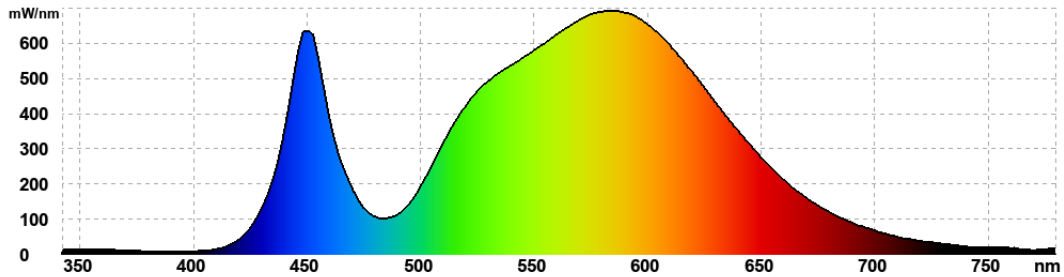


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3994_D_20240116_M_S
 Measurement time: 2024-01-16 12:02:49
 Report time: 2024-01-16
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 24 [C]

Client name: LED line PRIME
 Model name: Oprawa HighBay PHANTOM 190
 200W 4000K 38000lm 1-10V 60°
 Item No: 203228
 Serial No.: 44509
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|----------|
| x | 0.3878 |
| y | 0.3932 |
| u' | 0.2235 |
| v' | 0.5097 |
| L | 100 |
| a | 6.23 |
| b | 40.04 |
| X | 37948.45 |
| Y | 38471.15 |
| Z | 21432.11 |

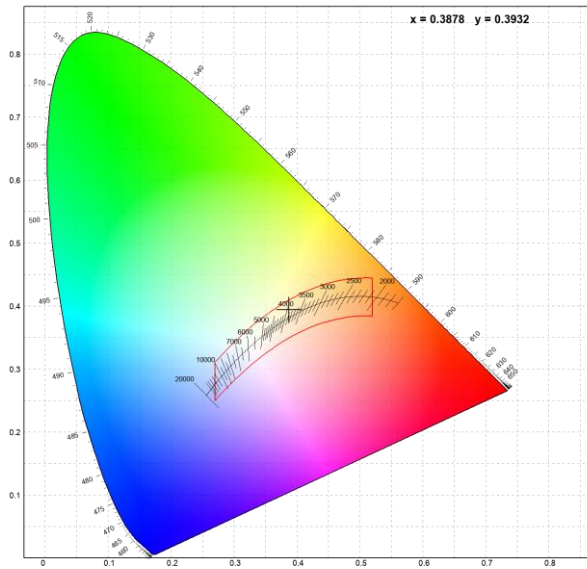
| CIE 1964 10° observer | |
|-----------------------|----------|
| x | 0.3963 |
| y | 0.3847 |
| u' | 0.2323 |
| v' | 0.5074 |
| L | 100 |
| a | 14.01 |
| b | 38.09 |
| X | 41581.15 |
| Y | 40367.54 |
| Z | 22980.48 |

| Other | |
|--------------------|-------------|
| CCT [K] | 3927 |
| Chromaticity Error | 0.005 |
| Color Peak | 583.36 |
| Color Peak Value | 690.2912 |
| Color Dominant | 576.9 |
| Luminous Flux [lm] | 38471.15 |
| Purity | 0.345 |
| Radiometric | 107.9473 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 195.99 lm/W |
| Power [W] | 196.294 |
| Power Factor | 0.976 |
| Current [A] | 0.8741 |
| Voltage [V] | 229.948 |
| Duv | 0.0054 |

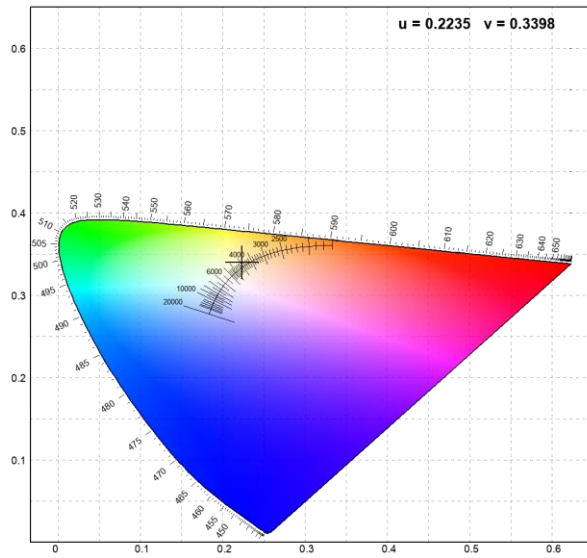
| Rendering Indices | |
|-------------------|-------|
| Ra | 71.5 |
| R1 | 67.5 |
| R2 | 78.4 |
| R3 | 87.7 |
| R4 | 70.0 |
| R5 | 67.1 |
| R6 | 69.6 |
| R7 | 81.8 |
| R8 | 50.1 |
| R9 | -36.1 |
| R10 | 49.2 |
| R11 | 65.0 |
| R12 | 38.9 |
| R13 | 69.4 |
| R14 | 93.0 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 2.1 |
| Miuv | 4.3 |

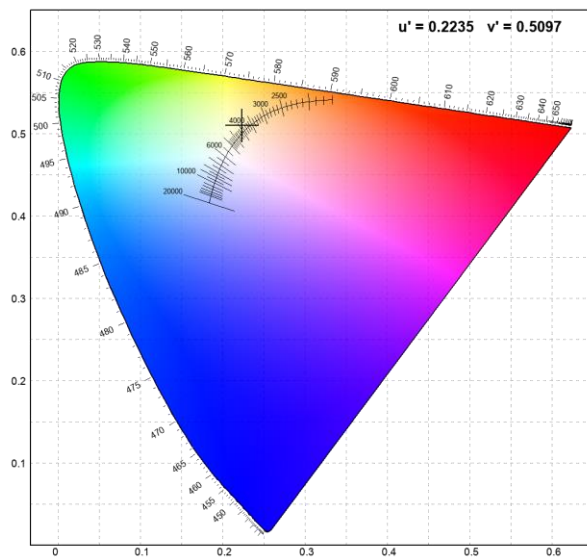
CIE 1931



CIE 1960



CIE 1976



CRI

