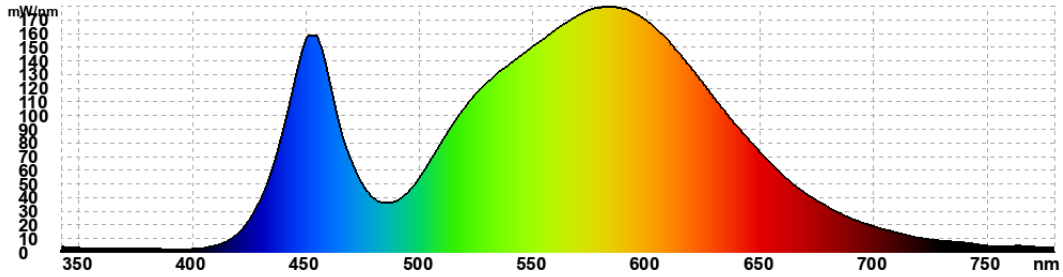


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4197_D_20240405_M_S
 Measurement time: 2024-04-05 15:08:45
 Report time: 2024-04-11
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 24.6 [C]

Client name: LED line LITE
 Model name: Oprawa HighBay ECOBEAM
 100W 4000K 10000lm
 Item No: 203396
 Serial No.: 49709
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|---------|
| x | 0.3822 |
| y | 0.3849 |
| u' | 0.2230 |
| v' | 0.5054 |
| L | 100.00 |
| a | 7.35 |
| b | 35.59 |
| X | 9923.21 |
| Y | 9993.32 |
| Z | 6044.26 |

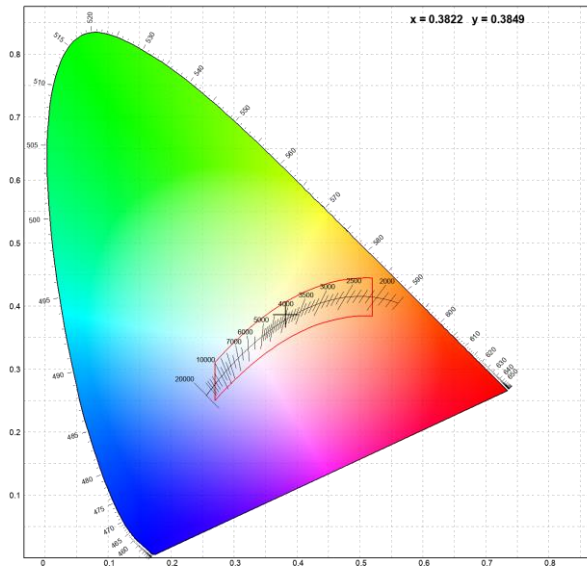
| CIE 1964 10° observer | |
|-----------------------|----------|
| x | 0.3901 |
| y | 0.3781 |
| u' | 0.2309 |
| v' | 0.5036 |
| L | 100.00 |
| a | 14.30 |
| b | 34.07 |
| X | 10860.97 |
| Y | 10526.50 |
| Z | 6450.91 |

| Other | |
|---------------------------|----------------------|
| CCT [K] | 4011 |
| Chromaticity Error | 0.004 |
| Color Peak | 583.36 |
| Color Peak Value | 178.71 |
| Color Dominant | 577.4 |
| Luminous Flux [lm] | 9993.32 |
| Purity | 0.303 |
| Radiometric | 28.7526 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 100.6442 lm/W |
| Power [W] | 99.2936 |
| Power Factor | 0.987 |
| Current [A] | 0.4373 |
| Voltage [V] | 229.981 |
| Duv | 0.0032 |

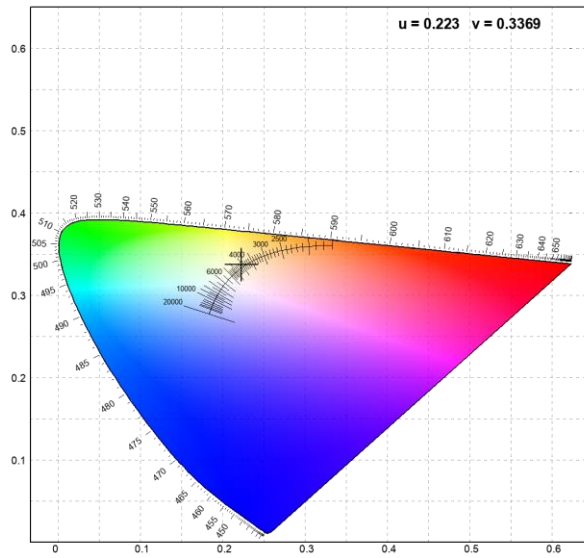
| Rendering Indices | |
|-------------------|-------------|
| Ra | 73.3 |
| R1 | 69.4 |
| R2 | 80.9 |
| R3 | 89.6 |
| R4 | 70.4 |
| R5 | 69.0 |
| R6 | 72.6 |
| R7 | 82.2 |
| R8 | 51.8 |
| R9 | -29.8 |
| R10 | 54.3 |
| R11 | 65.0 |
| R12 | 44.1 |
| R13 | 71.7 |
| R14 | 94.1 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 2.1 |
| Miuv | 4.2 |

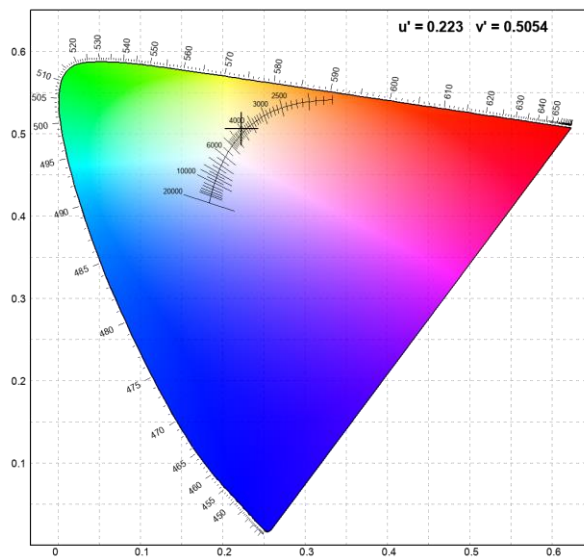
CIE 1931



CIE 1960



CIE 1976



CRI

