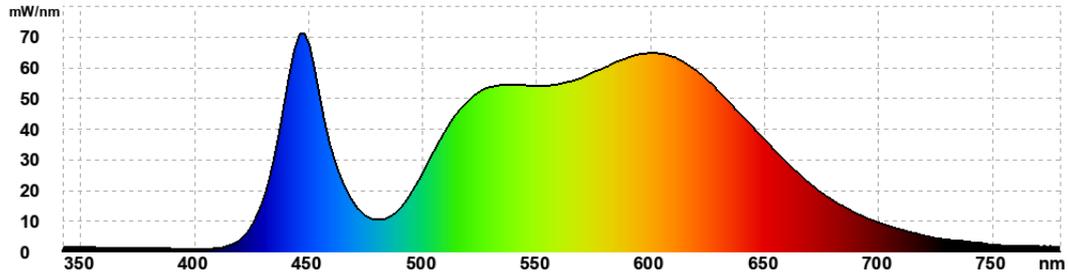


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4336\_D\_20240606\_M\_S*  
 Measurement time: *2024-06-06 11:09:50*  
 Report time: *2025-04-05*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *26 [C]*

Client name: *LED line PRIME*  
 Model name: *Panel ramka 40W 4000K 3200lm kwadrat*  
 Item No: *249181*  
 Serial No.: *72012*  
 Made by: *Radosław Kośnik*

Results

| CIE 1931 2° observer |         |
|----------------------|---------|
| x                    | 0.3829  |
| y                    | 0.3806  |
| u'                   | 0.2252  |
| v'                   | 0.5036  |
| L                    | 100.00  |
| a                    | 9.58    |
| b                    | 34.10   |
| X                    | 3819.45 |
| Y                    | 3796.07 |
| Z                    | 2359.01 |

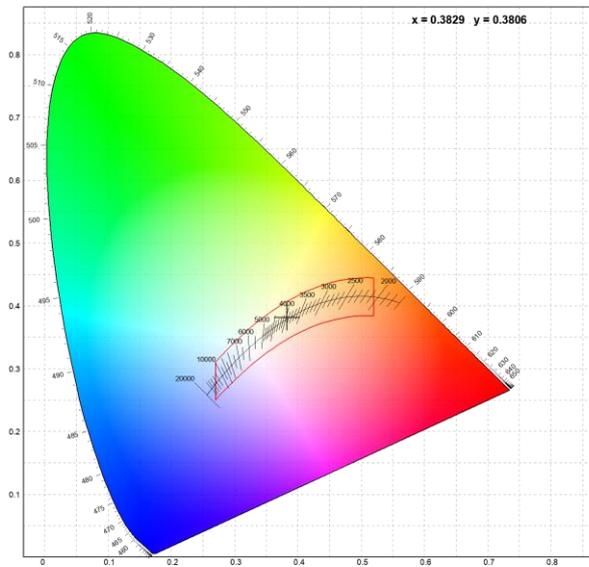
| CIE 1964 10° observer |         |
|-----------------------|---------|
| x                     | 0.3890  |
| y                     | 0.3740  |
| u'                    | 0.2318  |
| v'                    | 0.5017  |
| L                     | 100.00  |
| a                     | 15.64   |
| b                     | 32.21   |
| X                     | 4165.61 |
| Y                     | 4005.91 |
| Z                     | 2538.11 |

| Other              |              |
|--------------------|--------------|
| CCT [K]            | 3962         |
| Chromaticity Error | 0.004        |
| Color Peak         | 446.21       |
| Color Peak Value   | 70.80        |
| Color Dominant     | 578.7        |
| Luminous Flux [lm] | 3796.07      |
| Purity             | 0.291        |
| Radiometric        | 11.5645      |
| PAR                |              |
| PPFD               |              |
| Luminous Efficacy  | 98.4928 lm/W |
| Power [W]          | 38.5416      |
| Power Factor       | 0.977        |
| Current [A]        | 0.1716       |
| Voltage [V]        | 230.003      |
| Duv                | 0.0010       |

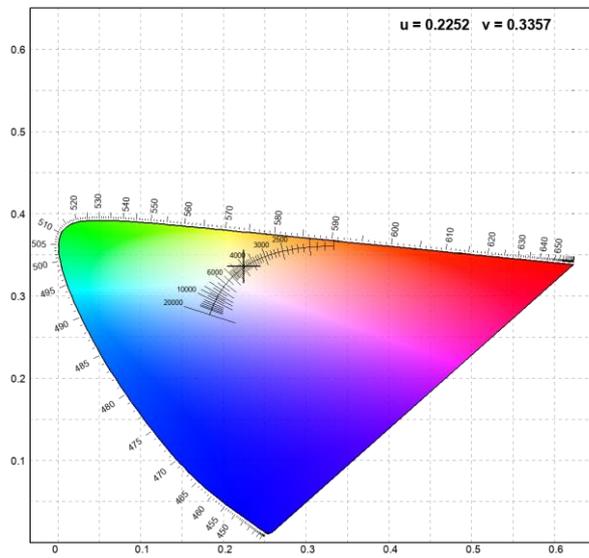
| Rendering Indices |      |
|-------------------|------|
| Ra                | 82.6 |
| R1                | 83.2 |
| R2                | 85.6 |
| R3                | 87.1 |
| R4                | 84.8 |
| R5                | 82.2 |
| R6                | 80.6 |
| R7                | 87.1 |
| R8                | 70.3 |
| R9                | 18.2 |
| R10               | 65.1 |
| R11               | 84.8 |
| R12               | 57.8 |
| R13               | 83.3 |
| R14               | 92.3 |

| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 1.6 |
| Miuv               | 4.6 |

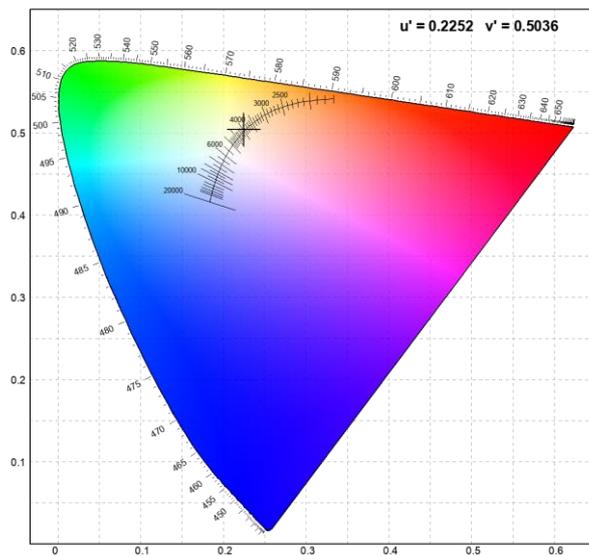
CIE 1931



CIE 1960



CIE 1976



CRI

