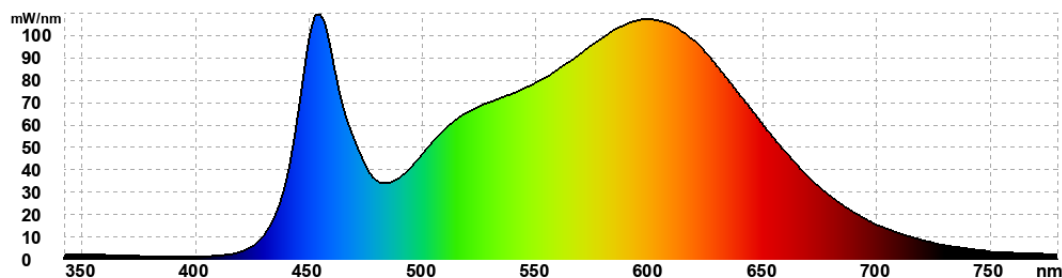


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B4835\_D\_20250225\_M\_S  
 Measurement time: 2025-02-25 09:18:24  
 Report time: 2025-03-03  
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 21.9 [C]

Client name: LED line PRIME  
 Model name: Oprawa hermetyczna RANGER  
 10-40W CCT 6000lm 1210mm  
 Item No: 210202  
 Serial No.: 47208  
 Made by: Radosław Kośnik

Results

| CIE 1931 2°observer |         |
|---------------------|---------|
| x                   | 0.3883  |
| y                   | 0.3748  |
| u'                  | 0.2311  |
| v'                  | 0.5019  |
| L                   | 100     |
| a                   | 14.58   |
| b                   | 33.16   |
| X                   | 6136.86 |
| Y                   | 5923.28 |
| Z                   | 3744.43 |

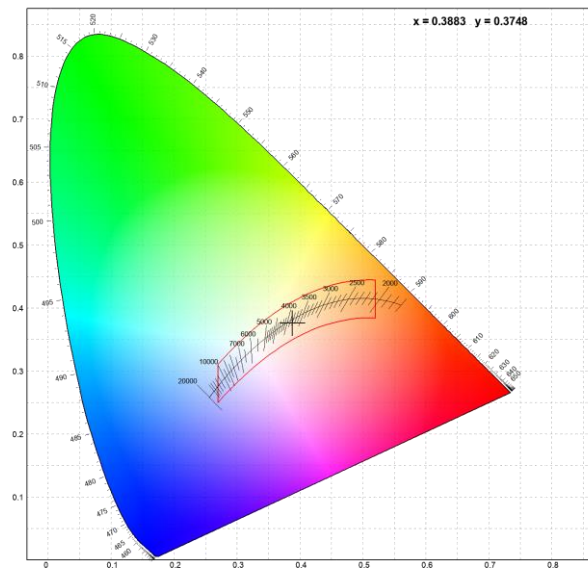
| CIE 1964 10°observer |         |
|----------------------|---------|
| x                    | 0.3939  |
| y                    | 0.3731  |
| u'                   | 0.2355  |
| v'                   | 0.502   |
| L                    | 100     |
| a                    | 18.21   |
| b                    | 33.03   |
| X                    | 6651.33 |
| Y                    | 6301.55 |
| Z                    | 3934.72 |

| Other              |             |
|--------------------|-------------|
| CCT [K]            | 3775        |
| Chromaticity Error | 0.005       |
| Color Peak         | 452.91      |
| Color Peak Value   | 108.9589    |
| Color Dominant     | 581.6       |
| Luminous Flux [lm] | 5923.28     |
| Purity             | 0.290       |
| Radiometric        | 18.5169     |
| PAR                |             |
| PPFD               |             |
| Luminous Efficacy  | 155.63 lm/W |
| Power [W]          | 38.0593     |
| Power Factor       | 0.97        |
| Current [A]        | 0.1705      |
| Voltage [V]        | 230.124     |
| Duv                |             |

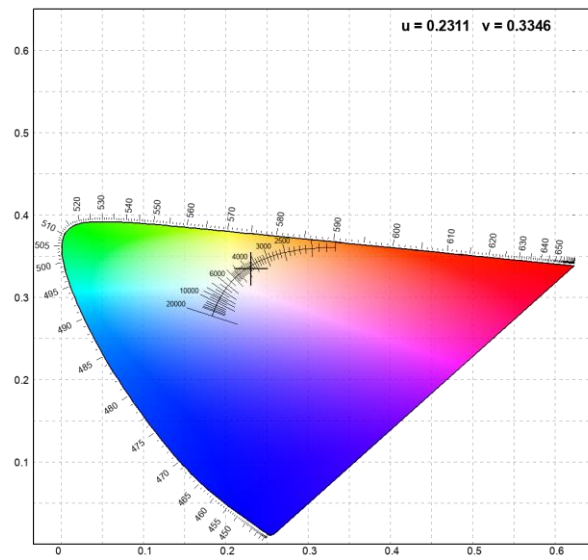
| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 2.1 |
| Miuv               | 3.7 |

| Rendering Indices |      |
|-------------------|------|
| Ra                | 86.1 |
| R1                | 86.0 |
| R2                | 93.9 |
| R3                | 96.0 |
| R4                | 83.9 |
| R5                | 85.7 |
| R6                | 90.3 |
| R7                | 85.5 |
| R8                | 67.8 |
| R9                | 23.1 |
| R10               | 84.5 |
| R11               | 83.5 |
| R12               | 67.3 |
| R13               | 88.5 |
| R14               | 98.7 |

CIE 1931



CIE 1960



CIE 1976

