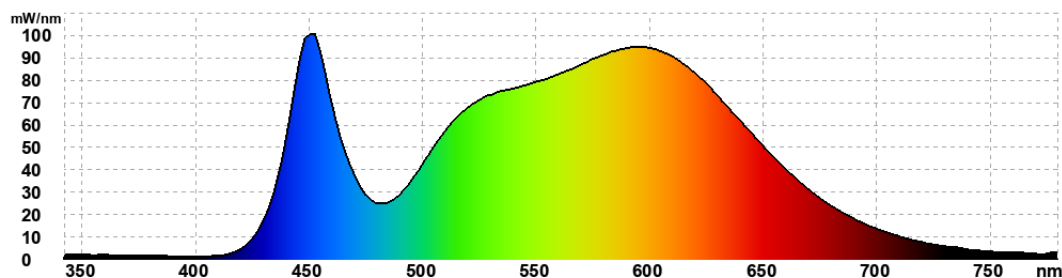


GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4828\_D\_20250220\_M\_S  
Measurement time: 2025-02-20 14:44:59  
Report time: 2025-02-24  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 23.9 [C]

Client name: LED line LITE  
Model name: LINIX 150cm 45W  
4000K 5400lm IP65  
Item No: 211612  
Serial No.: 11711  
Made by: Radosław Kośnik

## Results

| CIE 1931 2°observer |         |
|---------------------|---------|
| x                   | 0.3780  |
| y                   | 0.3775  |
| u'                  | 0.2232  |
| v'                  | 0.5016  |
| L                   | 100.00  |
| a                   | 8.75    |
| b                   | 31.80   |
| X                   | 5582.81 |
| Y                   | 5575.86 |
| Z                   | 3611.32 |

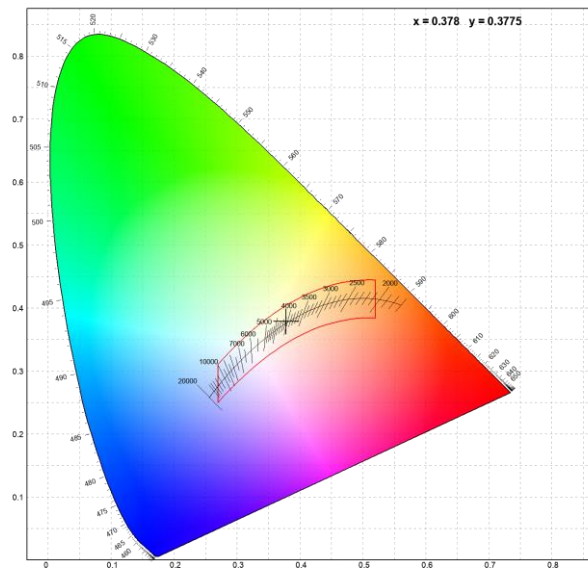
| CIE 1964 10°observer |         |
|----------------------|---------|
| x                    | 0.3842  |
| y                    | 0.3733  |
| u'                   | 0.2290  |
| v'                   | 0.5006  |
| L                    | 100.00  |
| a                    | 13.87   |
| b                    | 30.82   |
| X                    | 6085.36 |
| Y                    | 5912.80 |
| Z                    | 3840.38 |

| Other              |               |
|--------------------|---------------|
| CCT [K]            | 4074          |
| Chromaticity Error | 0.003         |
| Color Peak         | 450.68        |
| Color Peak Value   | 100.09        |
| Color Dominant     | 578.2         |
| Luminous Flux [lm] | 5575.86       |
| Purity             | 0.267         |
| Radiometric        | 17.0469       |
| PAR                |               |
| PPFD               |               |
| Luminous Efficacy  | 126.3817 lm/W |
| Power [W]          | 44.1192       |
| Power Factor       | 0.983         |
| Current [A]        | 0.195         |
| Voltage [V]        | 230.069       |
| Duv                | 0.0010        |

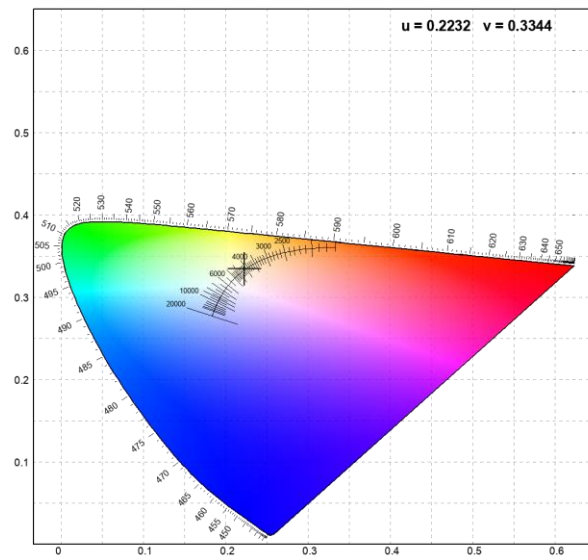
| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 1.7 |
| Miuv               | 4.1 |

| Rendering Indices |      |
|-------------------|------|
| Ra                | 83.0 |
| R1                | 81.8 |
| R2                | 87.9 |
| R3                | 92.4 |
| R4                | 83.0 |
| R5                | 81.3 |
| R6                | 83.1 |
| R7                | 87.4 |
| R8                | 67.1 |
| R9                | 12.3 |
| R10               | 70.7 |
| R11               | 81.8 |
| R12               | 58.7 |
| R13               | 83.2 |
| R14               | 95.6 |

CIE 1931



CIE 1960



CIE 1976

