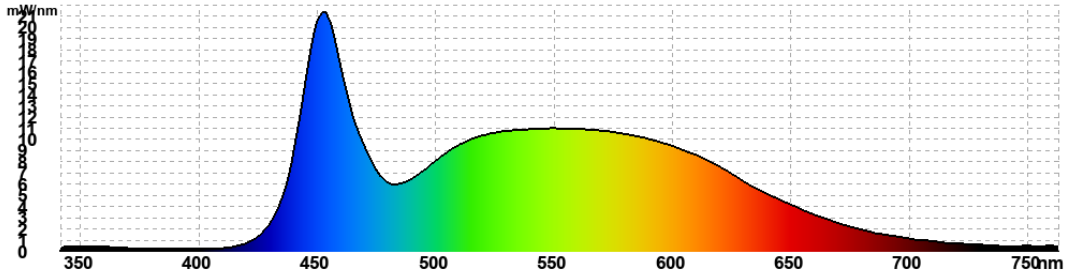


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: B3905\_M\_20231205\_M\_S  
 Measurement time: 2023-12-05 09:28:05  
 Report time: 2024-01-04  
 Device: GL SPHERE 500 SPECTIS 1.0 VIS  
 Power source: IT7321 AC ITECH  
 Ambient Temperature: 22.6 [C]

Client name: LED line PRIME  
 Model name: Żarówka LED E14 5W 6500K 700lm  
 170-250V C37 ŚWIECZKA  
 Item No: 201620  
 Serial No.: 25705  
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer |        |
|----------------------|--------|
| x                    | 0.3116 |
| y                    | 0.3377 |
| u'                   | 0.1939 |
| v'                   | 0.4727 |
| L                    | 100.00 |
| a                    | -4.90  |
| b                    | 3.11   |
| X                    | 654.35 |
| Y                    | 709.08 |
| Z                    | 736.59 |

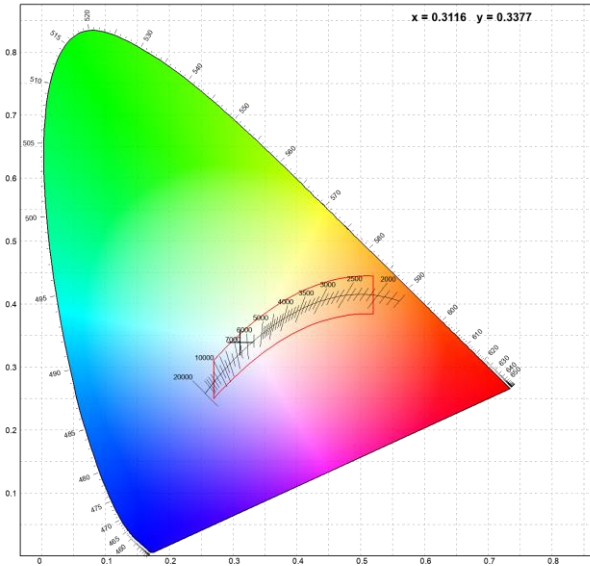
| CIE 1964 10° observer |        |
|-----------------------|--------|
| x                     | 0.3173 |
| y                     | 0.3387 |
| u'                    | 0.1974 |
| v'                    | 0.4741 |
| L                     | 100.00 |
| a                     | -1.98  |
| b                     | 3.61   |
| X                     | 720.58 |
| Y                     | 769.15 |
| Z                     | 781.40 |

| Other                     |                      |
|---------------------------|----------------------|
| <b>CCT [K]</b>            | <b>6502</b>          |
| Chromaticity Error        | 0.004                |
| Color Peak                | 452.19               |
| Color Peak Value          | 21.24                |
| Color Dominant            | 494.3                |
| <b>Luminous Flux [lm]</b> | <b>709.08</b>        |
| Purity                    | 0.071                |
| Radiometric               | 2.2717               |
| PAR                       |                      |
| PPFD                      |                      |
| <b>Luminous Efficacy</b>  | <b>144.1967 lm/W</b> |
| Power [W]                 | 4.91745              |
| Power Factor              | 0.532                |
| Current [A]               | 0.0401               |
| Voltage [V]               | 229.948              |
| Duv                       | 0.0081               |

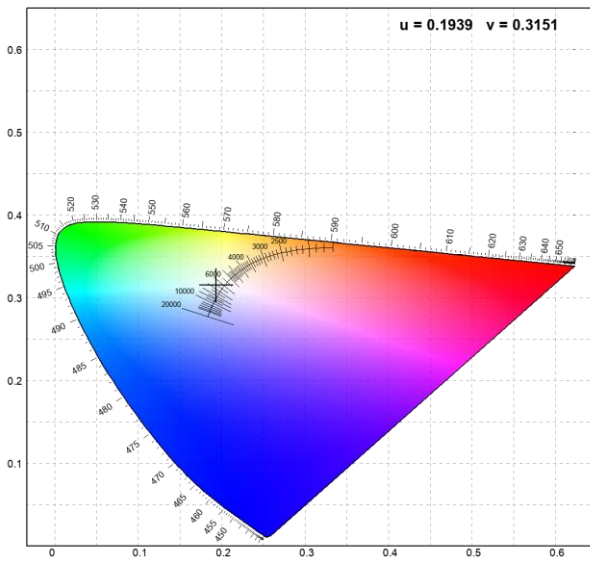
| Rendering Indices |             |
|-------------------|-------------|
| <b>Ra</b>         | <b>82.4</b> |
| R1                | 79.4        |
| R2                | 87.9        |
| R3                | 93.0        |
| R4                | 80.1        |
| R5                | 80.0        |
| R6                | 82.9        |
| R7                | 88.2        |
| R8                | 67.4        |
| R9                | -0.1        |
| R10               | 71.1        |
| R11               | 79.0        |
| R12               | 55.7        |
| R13               | 82.0        |
| R14               | 96.4        |

| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 2.3 |
| Miuv               | 5.6 |

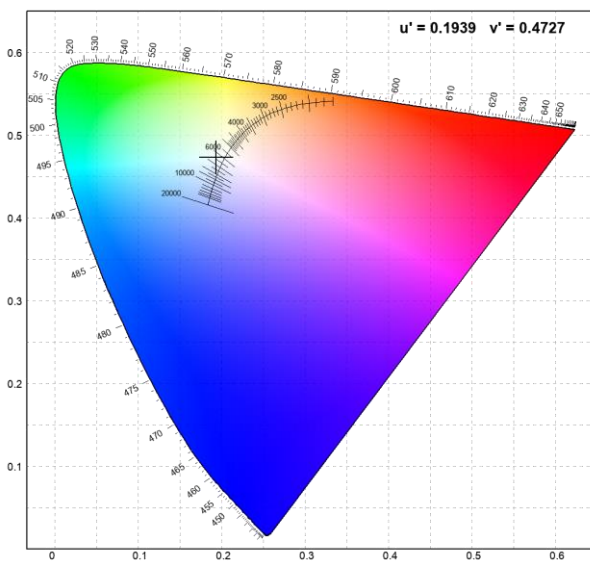
CIE 1931



CIE 1960



CIE 1976



CRI

