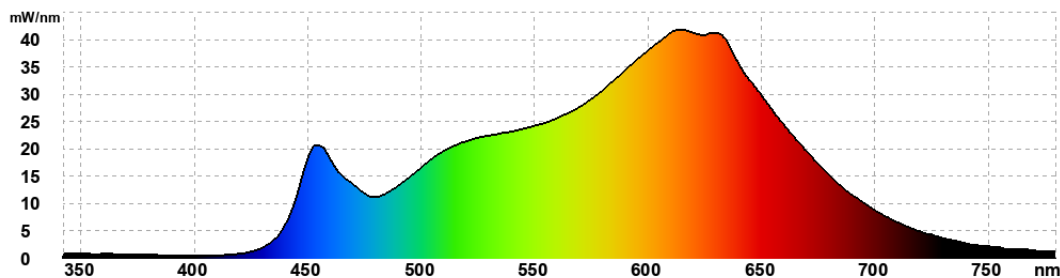


GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4584\_D\_20241028\_M\_S  
Measurement time: 2024-10-28 13:31:18  
Report time: 2025-01-09  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 25.6 [C]

Client name: LED line PRIME  
Model name: Track light LUMICANTO 6-20W CCT  
36/60° biały PRIME  
Item No: 210523  
Serial No.: 47308  
Made by: Radosław Kośnik

## Results

| CIE 1931 2° observer |         |
|----------------------|---------|
| x                    | 0.4347  |
| y                    | 0.4016  |
| u'                   | 0.2502  |
| v'                   | 0.5201  |
| L                    | 100     |
| a                    | 22.18   |
| b                    | 55.86   |
| X                    | 2140.89 |
| Y                    | 1977.51 |
| Z                    | 806.12  |

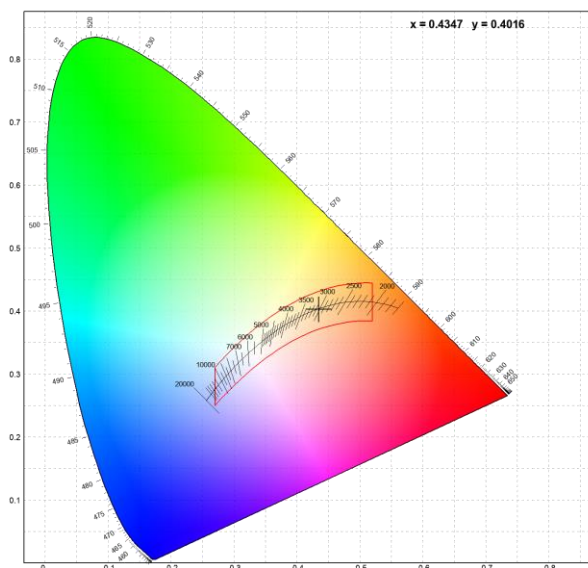
| CIE 1964 10° observer |         |
|-----------------------|---------|
| x                     | 0.4399  |
| y                     | 0.4012  |
| u'                    | 0.2538  |
| v'                    | 0.5207  |
| L                     | 100     |
| a                     | 24.84   |
| b                     | 56.54   |
| X                     | 2295.27 |
| Y                     | 2093.24 |
| Z                     | 829.05  |

| Other              |             |
|--------------------|-------------|
| CCT [K]            | 3017        |
| Chromaticity Error | 0.000       |
| Color Peak         | 614.25      |
| Color Peak Value   | 41.5929     |
| Color Dominant     | 583.0       |
| Luminous Flux [lm] | 1977.51     |
| Purity             | 0.511       |
| Radiometric        | 6.5612      |
| PAR                |             |
| PPFD               |             |
| Luminous Efficacy  | 103.95 lm/W |
| Power [W]          | 19.0229     |
| Power Factor       | 0.967       |
| Current [A]        | 0.08551     |
| Voltage [V]        | 230.058     |
| Duv                |             |

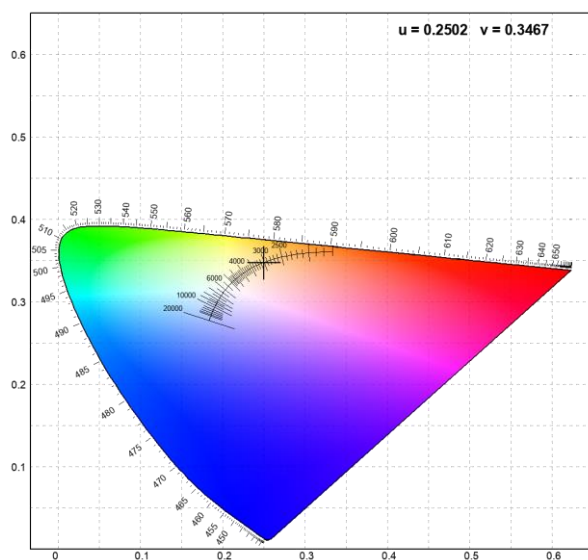
| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 2.5 |
| Miuv               | 3.1 |

| Rendering Indices |      |
|-------------------|------|
| Ra                | 94.0 |
| R1                | 96.7 |
| R2                | 99.5 |
| R3                | 96.6 |
| R4                | 96.0 |
| R5                | 96.9 |
| R6                | 94.9 |
| R7                | 90.0 |
| R8                | 81.0 |
| R9                | 59.4 |
| R10               | 99.9 |
| R11               | 99.2 |
| R12               | 84.5 |
| R13               | 98.4 |
| R14               | 99.0 |

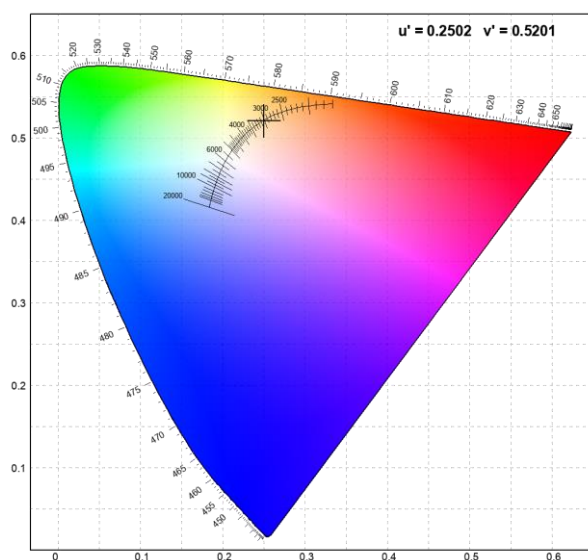
CIE 1931

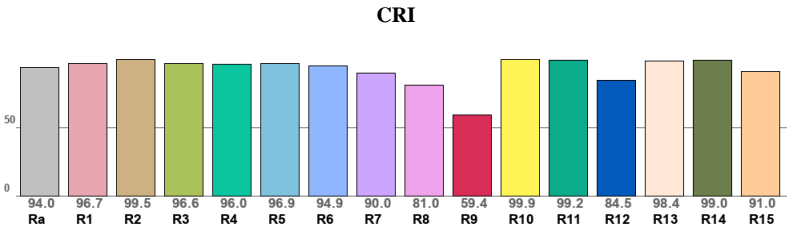


CIE 1960



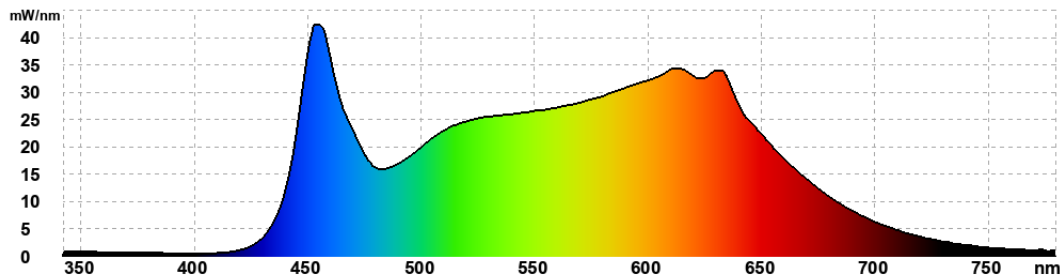
CIE 1976





GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4584\_D\_20241028\_M\_S  
Measurement time: 2024-10-28 14:01:41  
Report time: 2025-01-09  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 25.6 [C]

Client name: LED line PRIME  
Model name: Track light LUMICANTO 6-20W CCT  
36/60° biały PRIME  
Item No: 210523  
Serial No.: 47308  
Made by: Radosław Kośnik

## Results

| CIE 1931 2° observer |         |
|----------------------|---------|
| x                    | 0.3706  |
| y                    | 0.362   |
| u'                   | 0.2245  |
| v'                   | 0.4935  |
| L                    | 100     |
| a                    | 12.53   |
| b                    | 24.29   |
| X                    | 2023.56 |
| Y                    | 1976.66 |
| Z                    | 1459.56 |

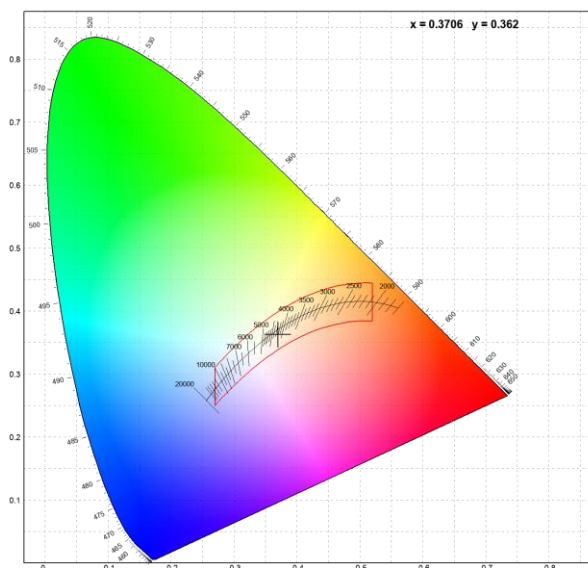
| CIE 1964 10° observer |         |
|-----------------------|---------|
| x                     | 0.3747  |
| y                     | 0.3639  |
| u'                    | 0.2265  |
| v'                    | 0.4949  |
| L                     | 100     |
| a                     | 13.96   |
| b                     | 25.03   |
| X                     | 2188.04 |
| Y                     | 2124.84 |
| Z                     | 1526.78 |

| Other              |             |
|--------------------|-------------|
| CCT [K]            | 4176        |
| Chromaticity Error | 0.004       |
| Color Peak         | 452.91      |
| Color Peak Value   | 42.2295     |
| Color Dominant     | 581.3       |
| Luminous Flux [lm] | 1976.66     |
| Purity             | 0.199       |
| Radiometric        | 6.6184      |
| PAR                |             |
| PPFD               |             |
| Luminous Efficacy  | 103.94 lm/W |
| Power [W]          | 19.0172     |
| Power Factor       | 0.964       |
| Current [A]        | 0.08575     |
| Voltage [V]        | 230.047     |
| Duv                |             |

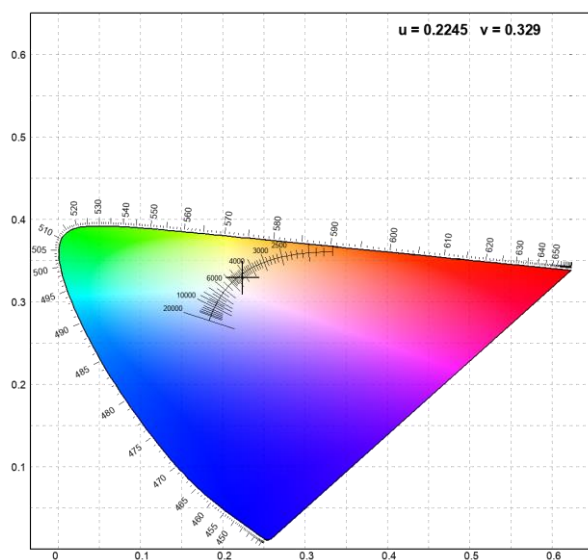
| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 1.9 |
| Miuv               | 3.5 |

| Rendering Indices |      |
|-------------------|------|
| Ra                | 94.5 |
| R1                | 97.1 |
| R2                | 98.3 |
| R3                | 97.7 |
| R4                | 94.8 |
| R5                | 95.5 |
| R6                | 93.9 |
| R7                | 91.7 |
| R8                | 87.2 |
| R9                | 72.6 |
| R10               | 98.6 |
| R11               | 96.8 |
| R12               | 73.1 |
| R13               | 99.0 |
| R14               | 99.7 |

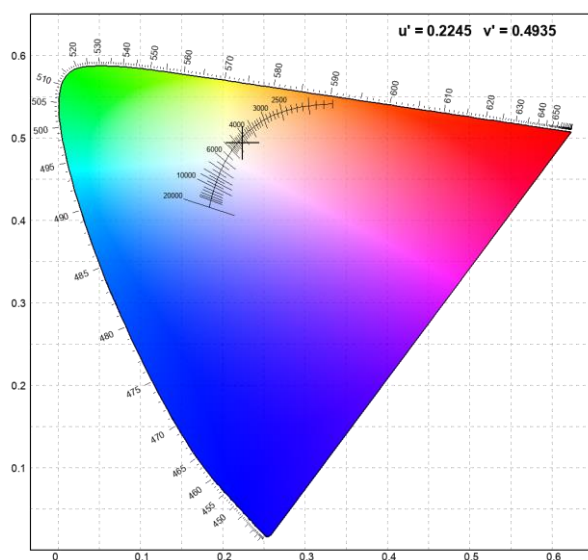
CIE 1931

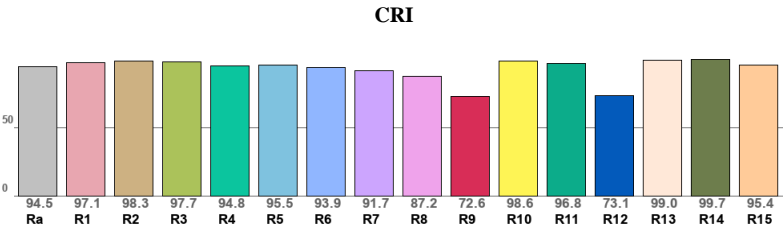


CIE 1960



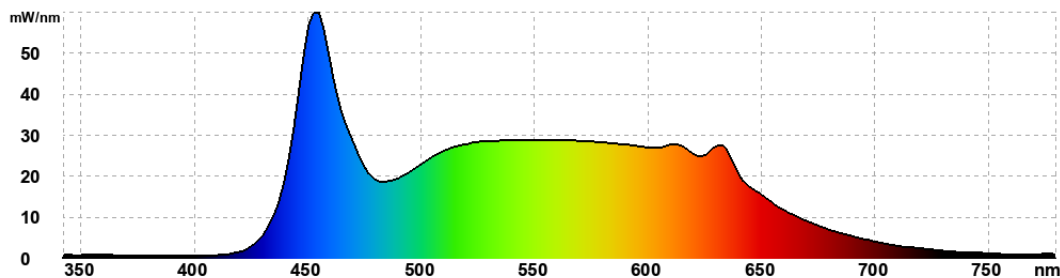
CIE 1976





GL SpectroSoft Report  
Lighting Research & Measurement Center

## Spectrum



Measurement name: B4584\_D\_20241028\_M\_S  
Measurement time: 2024-10-28 13:46:29  
Report time: 2025-01-09  
Device: GL SPHERE 2000 SPECTIS 1.0 VIS  
Power source: IT7321 AC ITECH  
Ambient Temperature: 25.6 [C]

Client name: LED line PRIME  
Model name: Track light LUMICANTO 6-20W CCT 36/60° biały PRIME  
Item No: 210523  
Serial No.: 47308  
Made by: Radosław Kośnik

## Results

| CIE 1931 2° observer |         |
|----------------------|---------|
| x                    | 0.3245  |
| y                    | 0.3351  |
| u'                   | 0.2037  |
| v'                   | 0.4733  |
| L                    | 100     |
| a                    | 3.14    |
| b                    | 4.57    |
| X                    | 1914.08 |
| Y                    | 1976.44 |
| Z                    | 2008.08 |

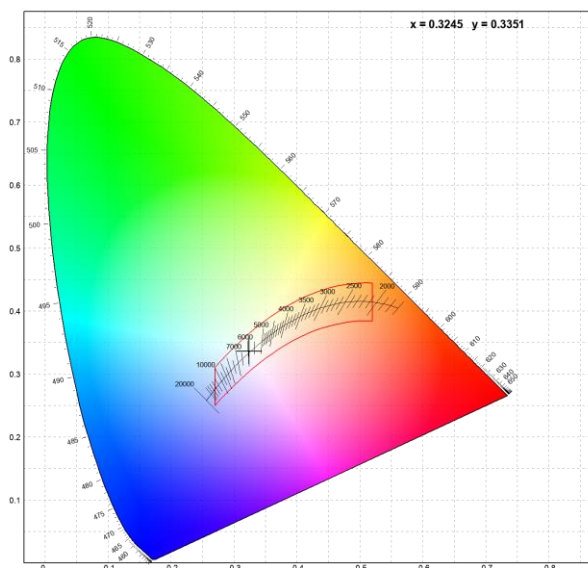
| CIE 1964 10° observer |         |
|-----------------------|---------|
| x                     | 0.3286  |
| y                     | 0.338   |
| u'                    | 0.2054  |
| v'                    | 0.4754  |
| L                     | 100     |
| a                     | 4.24    |
| b                     | 5.53    |
| X                     | 2089.59 |
| Y                     | 2148.92 |
| Z                     | 2119.99 |

| Other              |             |
|--------------------|-------------|
| CCT [K]            | 5871        |
| Chromaticity Error | 0.003       |
| Color Peak         | 452.91      |
| Color Peak Value   | 59.7327     |
| Color Dominant     | 494.0       |
| Luminous Flux [lm] | 1976.44     |
| Purity             | 0.029       |
| Radiometric        | 6.6089      |
| PAR                |             |
| PPFD               |             |
| Luminous Efficacy  | 104.02 lm/W |
| Power [W]          | 19          |
| Power Factor       | 0.967       |
| Current [A]        | 0.08541     |
| Voltage [V]        | 230.036     |
| Duv                |             |

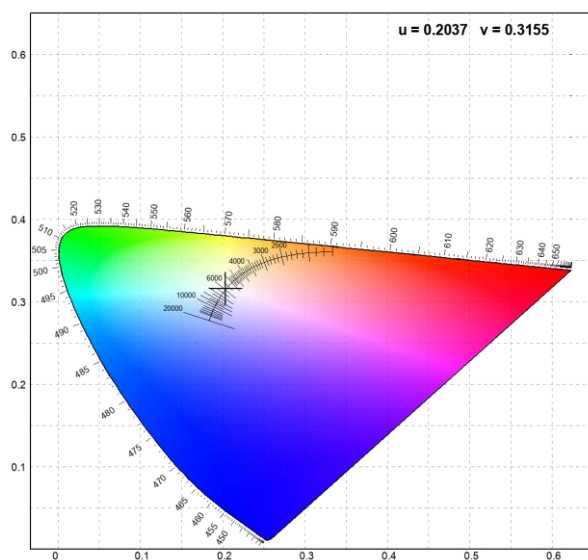
| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 1.9 |
| Miuv               | 4.7 |

| Rendering Indices |      |
|-------------------|------|
| Ra                | 92.2 |
| R1                | 93.2 |
| R2                | 96.6 |
| R3                | 95.9 |
| R4                | 91.6 |
| R5                | 91.6 |
| R6                | 91.3 |
| R7                | 92.7 |
| R8                | 85.0 |
| R9                | 60.1 |
| R10               | 89.7 |
| R11               | 92.4 |
| R12               | 66.8 |
| R13               | 95.2 |
| R14               | 98.0 |

CIE 1931



CIE 1960



CIE 1976

