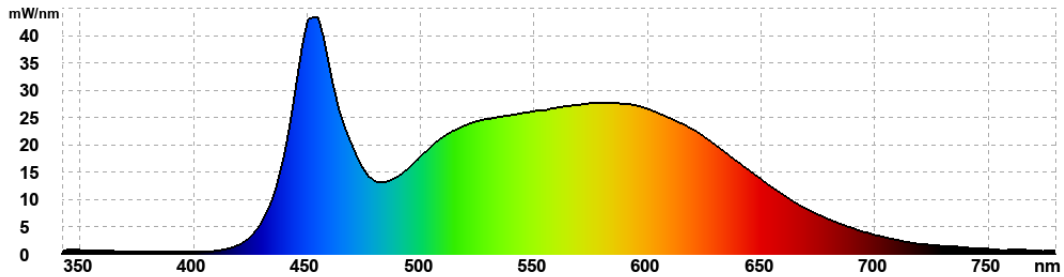


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4093_D_20240228_M_S
 Measurement time: 2024-02-28 12:51:16
 Report time: 2024-02-28
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 23.6 [C]

Client name: LED line LITE
 Model name: Downlight EASY FIX PRO 18W 1800lm CC
 3000-5000K kwadratowy
 Item No: 202863
 Serial No.: 37507
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|---------|
| x | 0.3404 |
| y | 0.3533 |
| u' | 0.2076 |
| v' | 0.4848 |
| L | 100 |
| a | 2.31 |
| b | 14.63 |
| X | 1712.35 |
| Y | 1776.83 |
| Z | 1540.58 |

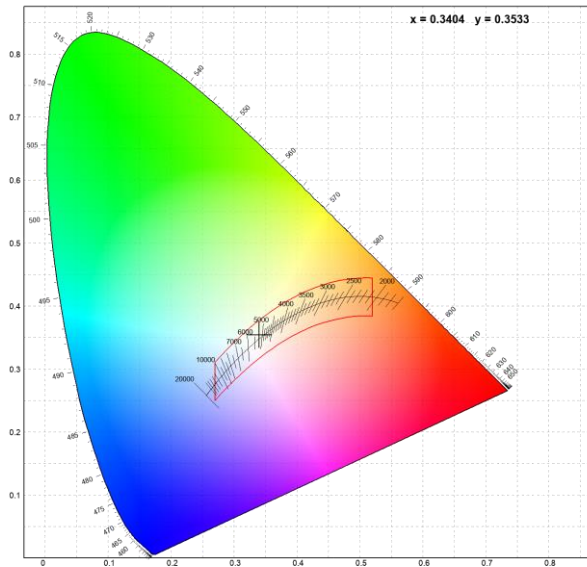
| CIE 1964 10° observer | |
|-----------------------|---------|
| x | 0.346 |
| y | 0.3529 |
| u' | 0.2115 |
| v' | 0.4854 |
| L | 100 |
| a | 5.6 |
| b | 14.7 |
| X | 1873.84 |
| Y | 1911.49 |
| Z | 1631.17 |

| Other | |
|---------------------------|-------------------|
| CCT [K] | 5184 |
| Chromaticity Error | 0.003 |
| Color Peak | 452.91 |
| Color Peak Value | 43.0769 |
| Color Dominant | 566.6 |
| Luminous Flux [lm] | 1776.83 |
| Purity | 0.081 |
| Radiometric | 5.6259 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 99.78 lm/W |
| Power [W] | 17.8067 |
| Power Factor | 0.782 |
| Current [A] | 0.099 |
| Voltage [V] | 230.025 |
| Duv | 0.0027 |

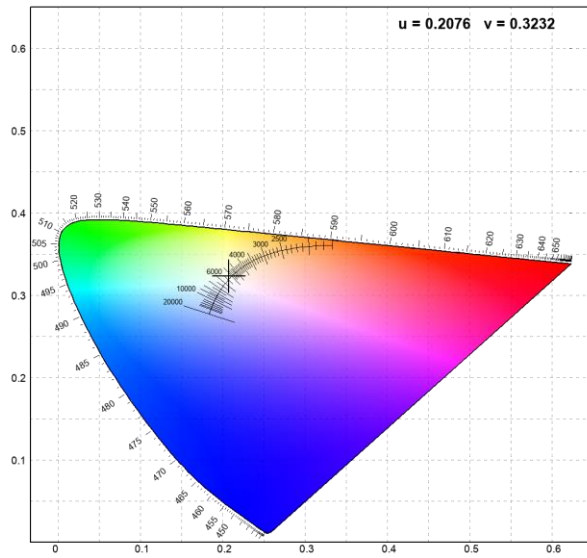
| Rendering Indices | |
|-------------------|-------------|
| Ra | 85.1 |
| R1 | 83.8 |
| R2 | 90.6 |
| R3 | 94.2 |
| R4 | 84.2 |
| R5 | 84.0 |
| R6 | 85.9 |
| R7 | 88.2 |
| R8 | 70.4 |
| R9 | 17.4 |
| R10 | 76.8 |
| R11 | 83.6 |
| R12 | 63.2 |
| R13 | 85.8 |
| R14 | 97.1 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 1.8 |
| Miuv | 4.1 |

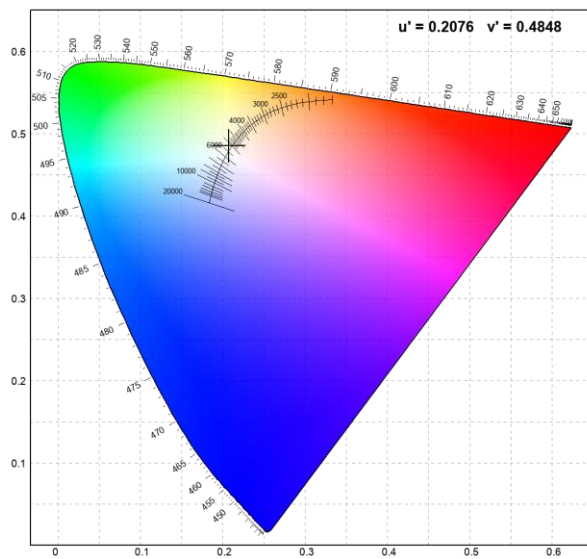
CIE 1931



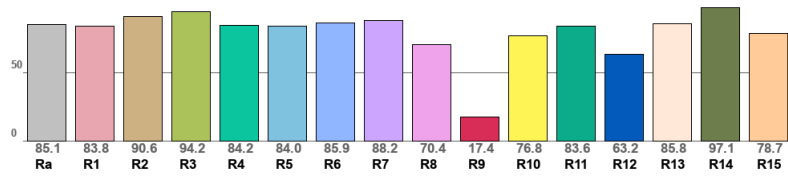
CIE 1960



CIE 1976

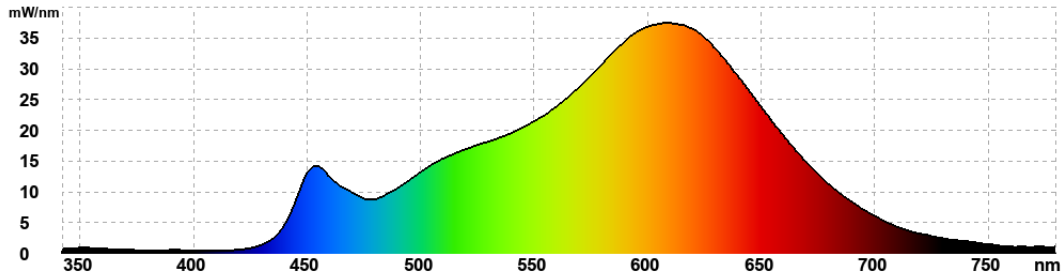


CRI



GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B4093_D_20240228_M_S
 Measurement time: 2024-02-28 12:21:05
 Report time: 2024-02-28
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 23.4 [C]

Client name: LED line LITE
 Model name: Downlight EASY FIX PRO 18W 1800lm
 CCT 3000-5000K kwadratowy
 202863
 Serial No.: 37507
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|---------|
| x | 0.4499 |
| y | 0.4137 |
| u' | 0.2547 |
| v' | 0.527 |
| L | 100 |
| a | 22.96 |
| b | 65.68 |
| X | 1934.12 |
| Y | 1778.57 |
| Z | 586.72 |

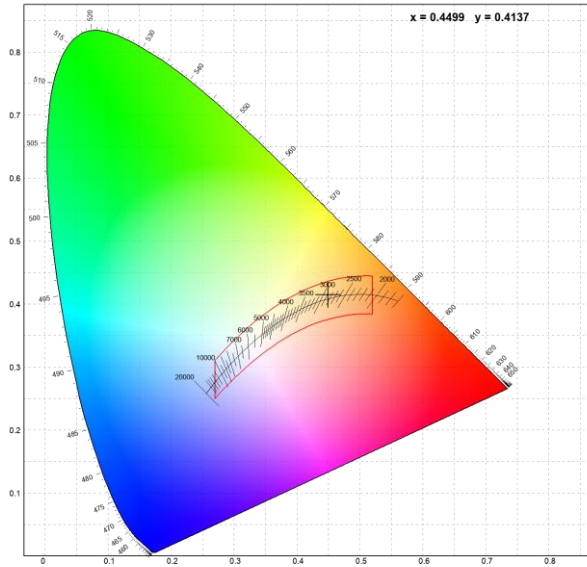
| CIE 1964 10° observer | |
|-----------------------|---------|
| x | 0.4566 |
| y | 0.4114 |
| u' | 0.26 |
| v' | 0.5272 |
| L | 100 |
| a | 26.96 |
| b | 66.28 |
| X | 2077.58 |
| Y | 1871.88 |
| Z | 600.35 |

| Other | |
|--------------------|------------|
| CCT [K] | 2870 |
| Chromaticity Error | 0.003 |
| Color Peak | 608.55 |
| Color Peak Value | 37.2328 |
| Color Dominant | 582.7 |
| Luminous Flux [lm] | 1778.57 |
| Purity | 0.592 |
| Radiometric | 5.5094 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 97.73 lm/W |
| Power [W] | 18.1991 |
| Power Factor | 0.785 |
| Current [A] | 0.1009 |
| Voltage [V] | 229.936 |
| Duv | 0.0021 |

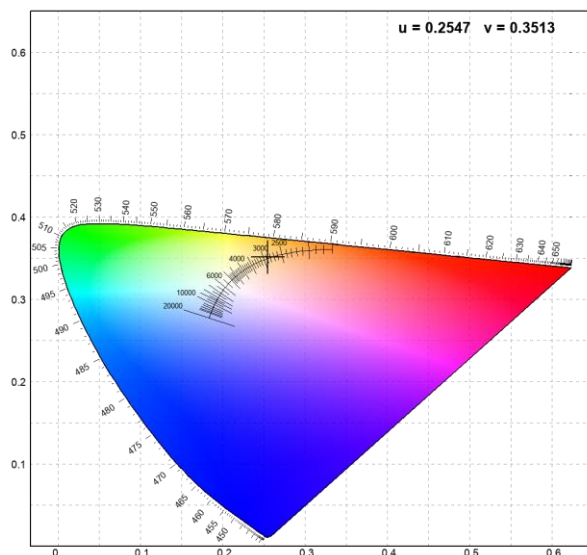
| Rendering Indices | |
|-------------------|------|
| Ra | 86.0 |
| R1 | 85.5 |
| R2 | 94.7 |
| R3 | 94.8 |
| R4 | 84.5 |
| R5 | 86.0 |
| R6 | 95.2 |
| R7 | 83.8 |
| R8 | 63.5 |
| R9 | 20.1 |
| R10 | 88.3 |
| R11 | 85.7 |
| R12 | 79.0 |
| R13 | 87.9 |
| R14 | 97.7 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 2.9 |
| Miuv | 3.0 |

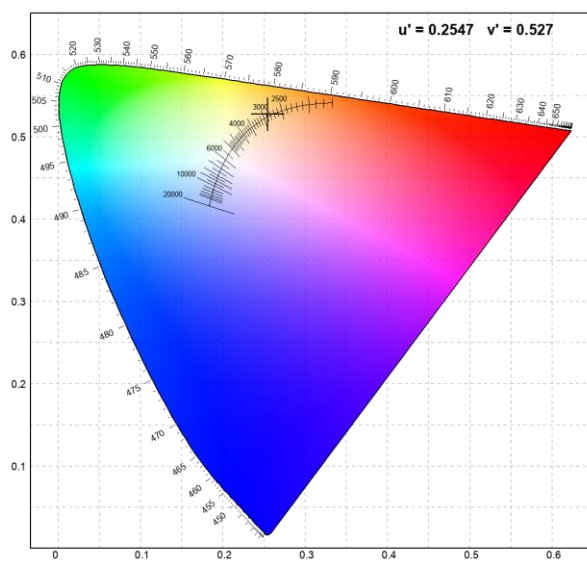
CIE 1931



CIE 1960



CIE 1976



CRI

