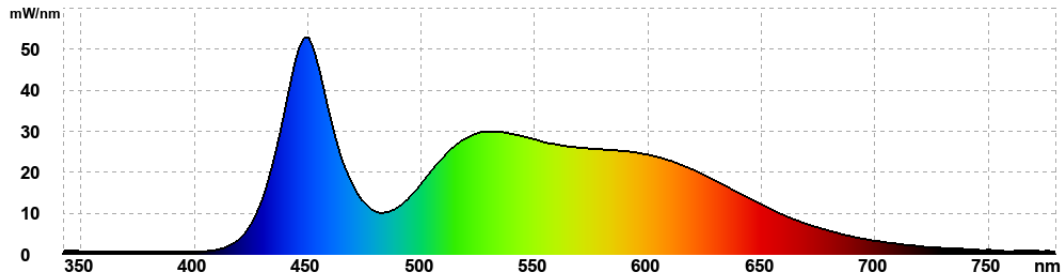


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B3762_D_20230906_M_S
 Measurement time: 2023-09-06 11:20:29
 Report time: 2023-09-13
 Device: GL SPHERE 2000 SPECTIS 1.0 VIS
 Power source: IT7321 AC ITECH
 Ambient Temperature: 25.3 [C]

Client name: LED line LITE
 Model name: Światłówka LED T8 18W 6500K 1820lm
 220-240V 120cm
 Item No: 202030
 Serial No.: 21405
 Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|---------|
| x | 0.3148 |
| y | 0.3333 |
| u' | 0.1977 |
| v' | 0.4709 |
| L | 100 |
| a | -1.05 |
| b | 2.07 |
| X | 1702.19 |
| Y | 1802.26 |
| Z | 1902.23 |

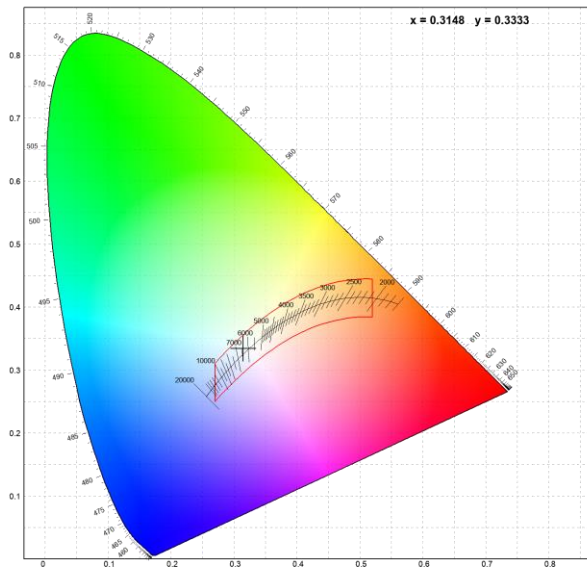
| CIE 1964 10° observer | |
|-----------------------|---------|
| x | 0.3199 |
| y | 0.3309 |
| u' | 0.2021 |
| v' | 0.4704 |
| L | 100 |
| a | 3.24 |
| b | 1.12 |
| X | 1876.54 |
| Y | 1941.24 |
| Z | 2048.15 |

| Other | |
|---------------------------|--------------------|
| CCT [K] | 6361 |
| Chromaticity Error | 0.003 |
| Color Peak | 448.45 |
| Color Peak Value | 52.5577 |
| Color Dominant | 491.8 |
| Luminous Flux [lm] | 1802.26 |
| Purity | 0.062 |
| Radiometric | 5.8509 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 102.91 lm/W |
| Power [W] | 17.5127 |
| Power Factor | 0.533 |
| Current [A] | 0.1428 |
| Voltage [V] | 230.014 |
| Duv | 0.0044 |

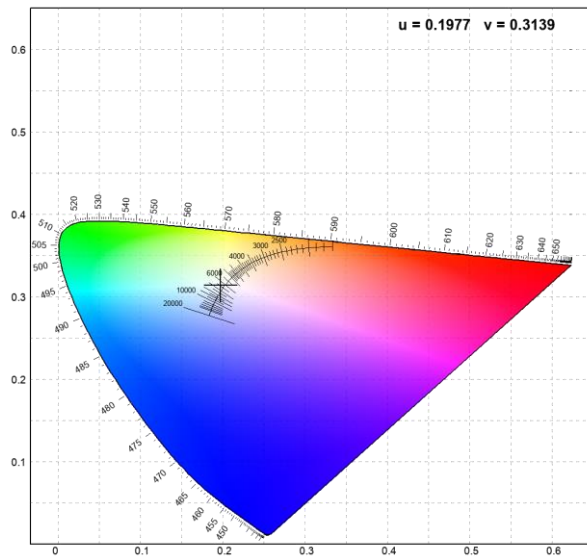
| Rendering Indices | |
|-------------------|-------------|
| Ra | 82.9 |
| R1 | 83.2 |
| R2 | 84.5 |
| R3 | 84.3 |
| R4 | 84.8 |
| R5 | 83.2 |
| R6 | 79.3 |
| R7 | 88.2 |
| R8 | 75.3 |
| R9 | 19.3 |
| R10 | 62.1 |
| R11 | 84.4 |
| R12 | 57.1 |
| R13 | 83.2 |
| R14 | 91.2 |

| Metamerism Indices | |
|--------------------|-----|
| Mivis | 1.6 |
| Miuv | 6.2 |

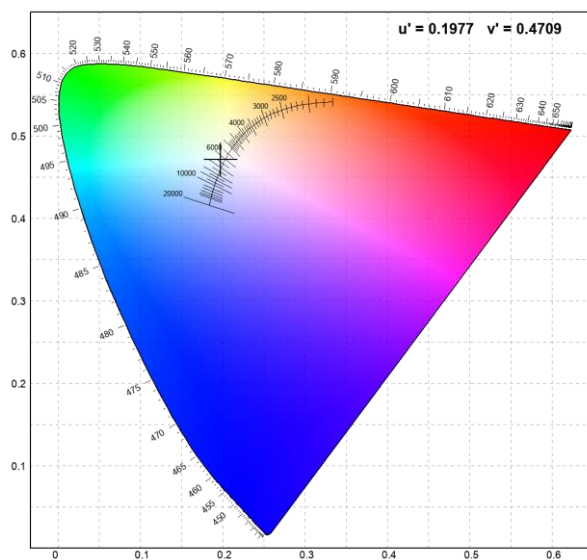
CIE 1931



CIE 1960



CIE 1976



CRI

