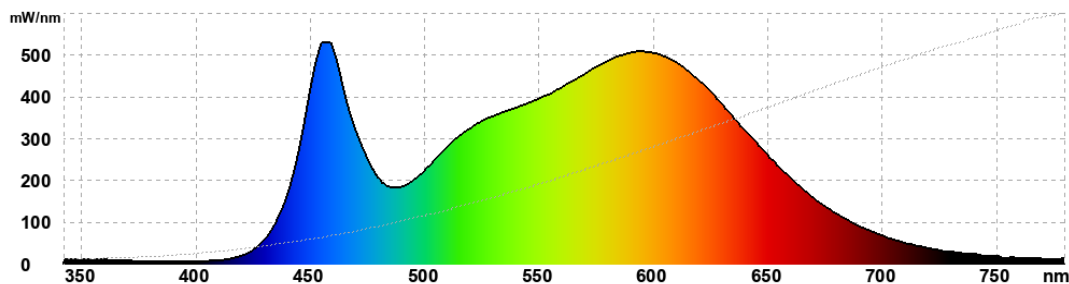


GL SpectroSoft Report
Lighting Research & Measurement Center

Spectrum



Measurement name: B5385_D_20250925_M_S
Measurement time: 2025-09-25 15:02:55
Report time: 2025-09-26
Device: GL SPHERE 2000 SPECTIS 1.0 VIS
Power source: IT7321 AC ITECH
Ambient Temperature: 25.8 [C]

Client name: LED line PRIME
Model name: HighBay Seron 200/160/120W 3CCT
28000lm 120° PRIME
Item No: 219724
Serial No.: 12210
Made by: Radosław Kośnik

Results

| CIE 1931 2° observer | |
|----------------------|----------|
| x | 0.3788 |
| y | 0.3741 |
| u' | 0.2251 |
| v' | 0.5001 |
| L | 100.00 |
| a | 10.67 |
| b | 30.67 |
| X | 29193.89 |
| Y | 28830.44 |
| Z | 19051.99 |

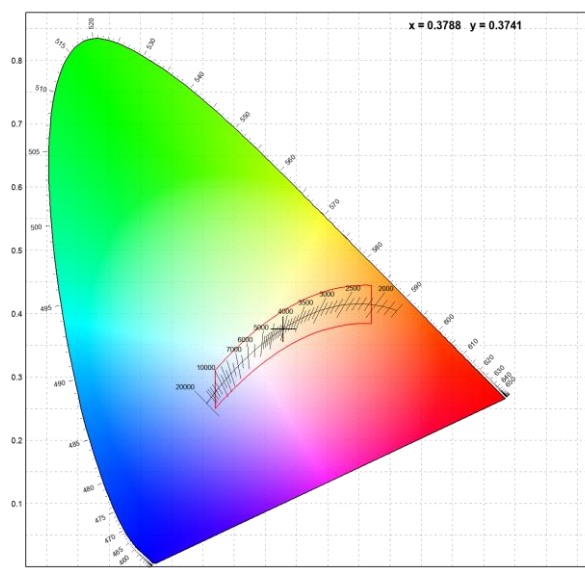
| CIE 1964 10° observer | |
|-----------------------|----------|
| x | 0.3850 |
| y | 0.3730 |
| u' | 0.2296 |
| v' | 0.5006 |
| L | 100.00 |
| a | 14.33 |
| b | 30.89 |
| X | 31716.94 |
| Y | 30733.97 |
| Z | 19936.34 |

| Other | |
|--------------------|---------------|
| CCT [K] | 4027 |
| Chromaticity Error | 0.003 |
| Color Peak | 455.14 |
| Color Peak Value | 529.46 |
| Color Dominant | 579.4 |
| Luminous Flux [lm] | 28830.44 |
| Purity | 0.259 |
| Radiometric | 89.0108 |
| PAR | |
| PPFD | |
| Luminous Efficacy | 146.2168 lm/W |
| Power [W] | 197.176 |
| Power Factor | 0.963 |
| Current [A] | 0.8891 |
| Voltage [V] | 230.014 |
| Duv | 0.0008 |

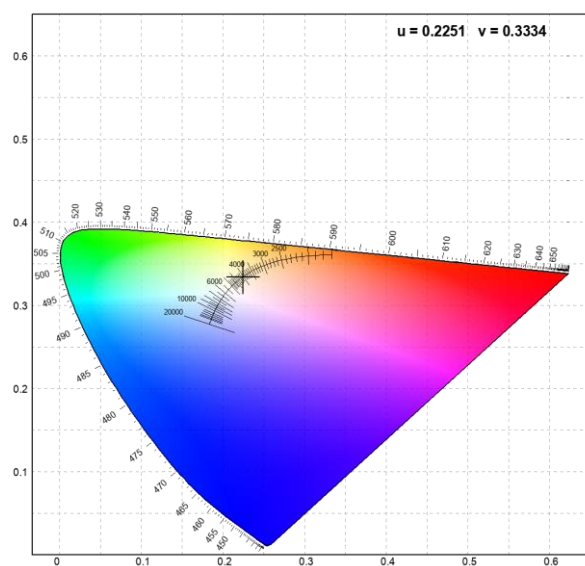
| Metamerism Indices | |
|--------------------|-----|
| Mivis | 2.4 |
| Miuv | 3.6 |

| Rendering Indices | |
|-------------------|------|
| Ra | 84.2 |
| R1 | 83.4 |
| R2 | 92.9 |
| R3 | 95.6 |
| R4 | 80.5 |
| R5 | 82.8 |
| R6 | 88.7 |
| R7 | 84.6 |
| R8 | 64.8 |
| R9 | 13.5 |
| R10 | 81.6 |
| R11 | 79.1 |
| R12 | 62.7 |
| R13 | 86.4 |
| R14 | 98.4 |

CIE 1931



CIE 1960



CIE 1976

