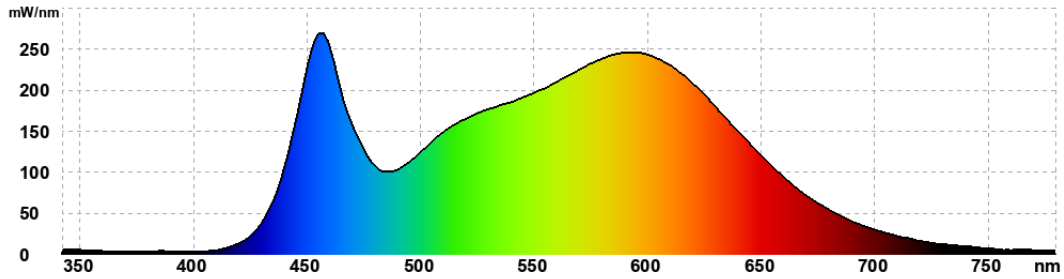


GL SpectroSoft Report  
Lighting Research & Measurement Center

Spectrum



Measurement name: *B4646\_D\_20241203\_M\_S*  
 Measurement time: *2024-12-03 08:51:54*  
 Report time: *2024-12-04*  
 Device: *GL SPHERE 2000 SPECTIS 1.0 VIS*  
 Power source: *IT7321 AC ITECH*  
 Ambient Temperature: *23.5 [C]*

Client name: *LED line LITE*  
 Model name: *Oprawa parkowa PARKLITE 80-100-120W CCT 120lm/W szara*  
 Item No: *209831*  
 Serial No.: *44107*  
 Made by: *Radosław Kośnik*

Results

| CIE 1931 2° observer |               |
|----------------------|---------------|
| x                    | <b>0.3694</b> |
| y                    | <b>0.3688</b> |
| u'                   | 0.221         |
| v'                   | 0.4964        |
| L                    | 100           |
| a                    | 8.83          |
| b                    | 26.59         |
| X                    | 14261.05      |
| Y                    | 14237.02      |
| Z                    | 10105.62      |

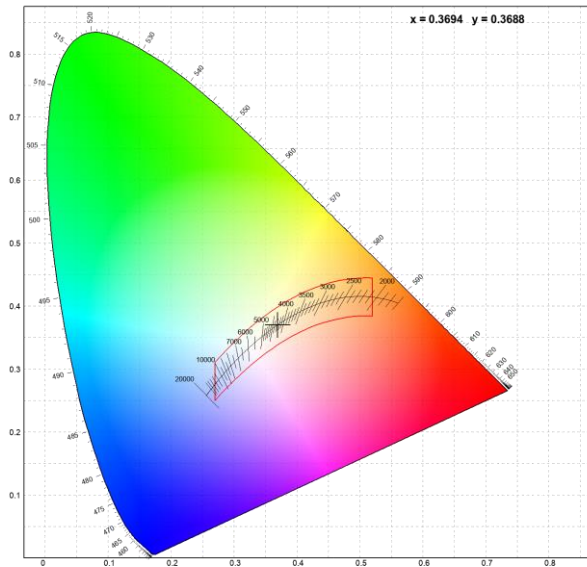
| CIE 1964 10° observer |          |
|-----------------------|----------|
| x                     | 0.3753   |
| y                     | 0.3681   |
| u'                    | 0.2252   |
| v'                    | 0.497    |
| L                     | 100      |
| a                     | 12.26    |
| b                     | 26.8     |
| X                     | 15520.14 |
| Y                     | 15222.54 |
| Z                     | 10609.11 |

| Other                     |                    |
|---------------------------|--------------------|
| <b>CCT [K]</b>            | <b>4260</b>        |
| Chromaticity Error        | 0.002              |
| Color Peak                | 455.14             |
| Color Peak Value          | 268.4301           |
| Color Dominant            | 578.3              |
| <b>Luminous Flux [lm]</b> | <b>14237.02</b>    |
| Purity                    | 0.215              |
| Radiometric               | 43.9747            |
| PAR                       |                    |
| PPFD                      |                    |
| <b>Luminous Efficacy</b>  | <b>124.79 lm/W</b> |
| Power [W]                 | 114.086            |
| Power Factor              | 0.969              |
| Current [A]               | 0.51189            |
| Voltage [V]               | 230.003            |
| Duv                       |                    |

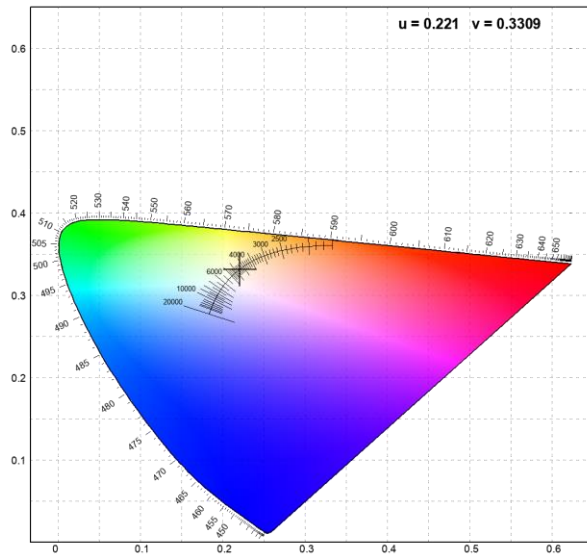
| Rendering Indices |             |
|-------------------|-------------|
| <b>Ra</b>         | <b>84.3</b> |
| R1                | 83.4        |
| R2                | 92.9        |
| R3                | 95.5        |
| R4                | 80.9        |
| R5                | 83.1        |
| R6                | 88.8        |
| R7                | 84.9        |
| R8                | 65.0        |
| R9                | 12.1        |
| R10               | 81.9        |
| R11               | 80.0        |
| R12               | 64.1        |
| R13               | 86.4        |
| R14               | 98.3        |

| Metamerism Indices |     |
|--------------------|-----|
| Mivis              | 2.1 |
| Miuv               | 3.7 |

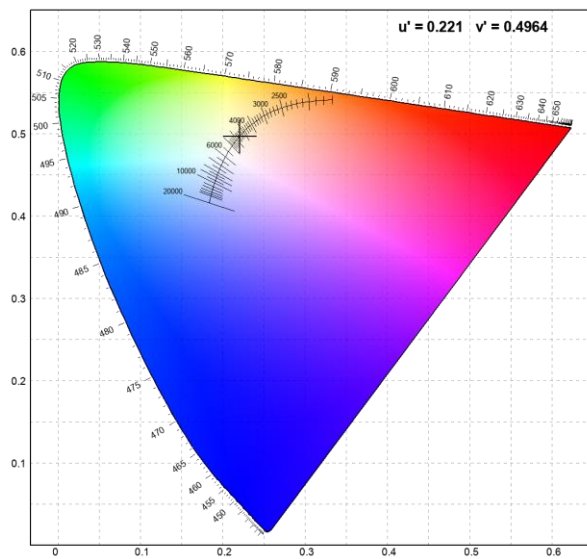
CIE 1931



CIE 1960



CIE 1976



CRI

