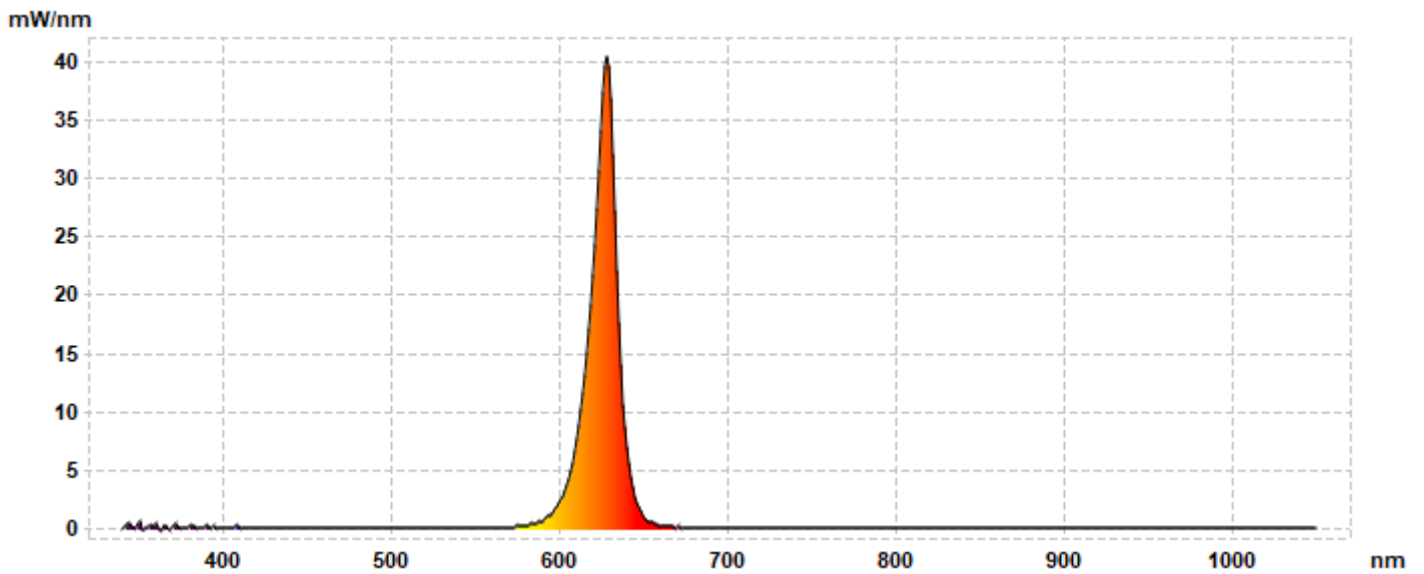


Measuring Report

Spectrum



Measurement name: FS-80-RGB - Sample:191118 - Red  
 Measurement time: 2018-11-22 13:41:37  
 Report time: 2019-09-10 11:12:18  
 Signal Level: 69.954  
 Device: GLX10t 1104N041  
 Item No: FS-80-RGB - Red  
 Made by: AUTLED GmbH  
 Note:

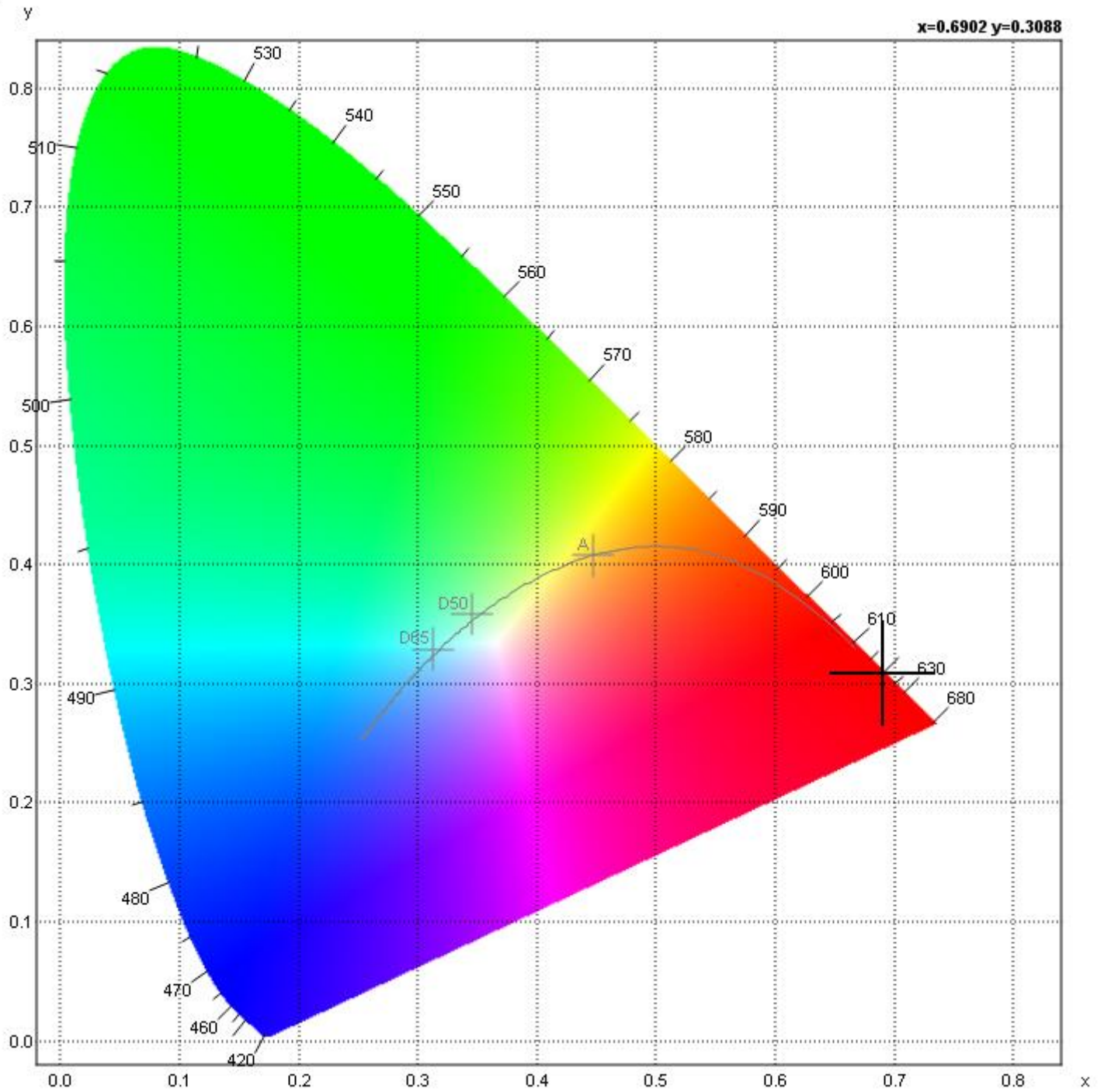
Results

| Important Values         |         |
|--------------------------|---------|
| CCT [K]                  | -       |
| Light Flux [lm]          | 170,83  |
| Delta uv                 | nan     |
| Ansi Bin                 |         |
| Color Peak [nm]          | 628,35  |
| Color Peak Value         | 40,56   |
| Wavelength Domin. [nm]   | 619,8   |
| Radiometric [W]          | 0,7748  |
| Luminous Efficacy [lm/W] | 32,4155 |
| Power [W]                | 5,26992 |
| Current [A]              | 0.2198  |
| Voltage [V]              | 23.976  |
| Frequency [Hz]           |         |
| Power Factor             |         |
| Sensor Temperature [°C]  | 20.8    |

| Rendering Indices |        |
|-------------------|--------|
| Ra                | -19,1  |
| Rf                | 5      |
| Rg                | -      |
| R1                | -72,8  |
| R2                | -0,2   |
| R3                | 53,6   |
| R4                | -58,0  |
| R5                | -55,6  |
| R6                | -42,6  |
| R7                | 44,2   |
| R8                | -21,1  |
| R9                | -100,0 |
| R10               | -76,5  |
| R11               | -100,0 |
| R12               | -73,7  |
| R13               | -72,9  |
| R14               | 64,9   |

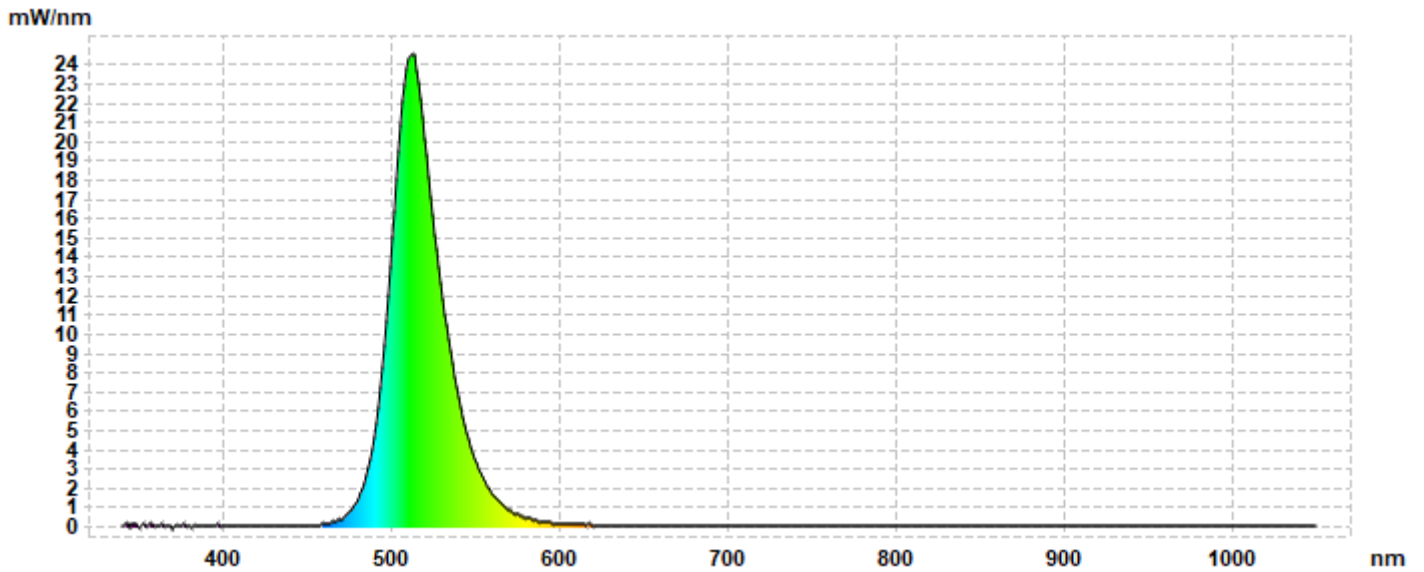
| CIE 1931 |        |
|----------|--------|
| x        | 0,6902 |
| y        | 0,3088 |
| u'       | 0,5184 |
| v'       | 0,5219 |
| L        | 100,00 |
| a        | 164,91 |
| b        | 171,16 |
| X        | 381,82 |
| Z        | 0,56   |

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-80-RGB - Sample:191118 - Green  
 Measurement time: 2018-11-22 13:43:43  
 Report time: 2019-09-10 11:12:33  
 Signal Level: 71.427  
 Device: GLX10t 1104N041  
 Item No: FS-80-RGB - Green  
 Made by: AUTLED GmbH  
 Note:

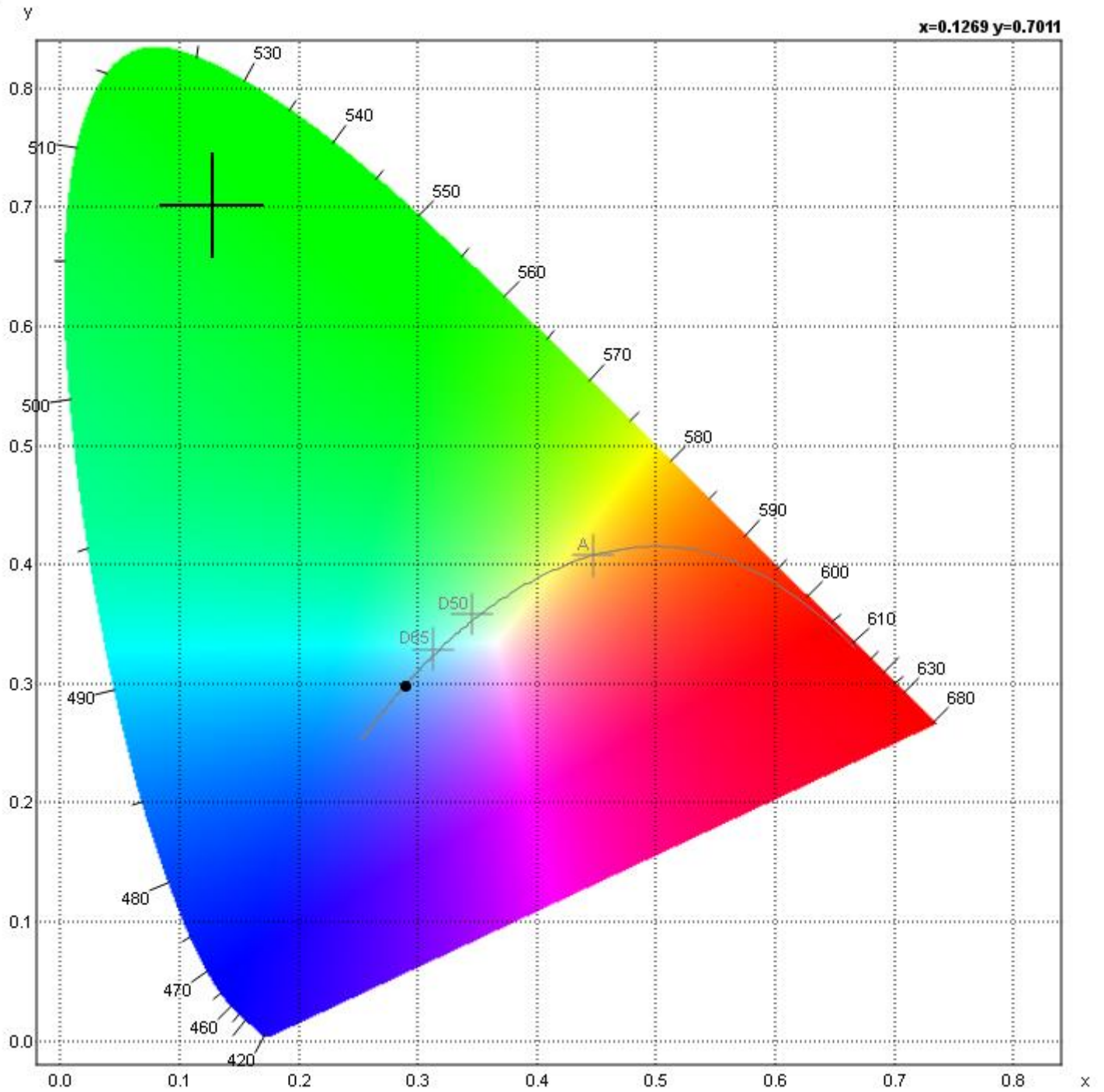
Results

| Important Values         |         |
|--------------------------|---------|
| CCT [K]                  | 8740    |
| Light Flux [lm]          | 379,95  |
| Delta uv                 | 0,1670  |
| Ansi Bin                 |         |
| Color Peak [nm]          | 513,52  |
| Color Peak Value         | 24,63   |
| Wavelength Domin. [nm]   | 517,5   |
| Radiometric [W]          | 0,9036  |
| Luminous Efficacy [lm/W] | 74,5143 |
| Power [W]                | 5,09906 |
| Current [A]              | 0.2127  |
| Voltage [V]              | 23.973  |
| Frequency [Hz]           |         |
| Power Factor             |         |
| Sensor Temperature [°C]  | 20.8    |

| Rendering Indices |        |
|-------------------|--------|
| Ra                | -26,2  |
| Rf                | 1      |
| Rg                | 7      |
| R1                | -35,1  |
| R2                | -9,7   |
| R3                | -28,8  |
| R4                | -65,4  |
| R5                | -8,4   |
| R6                | -19,5  |
| R7                | -11,0  |
| R8                | -31,8  |
| R9                | -100,0 |
| R10               | -100,0 |
| R11               | -92,3  |
| R12               | -33,5  |
| R13               | -42,4  |
| R14               | 35,8   |

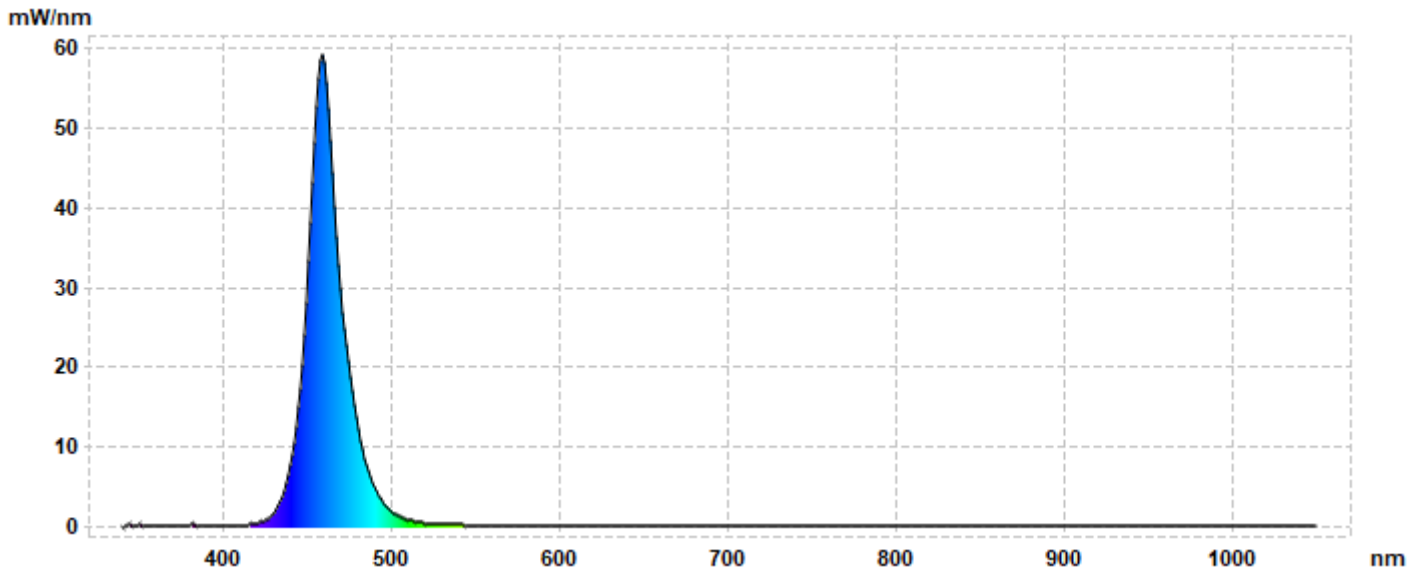
| CIE 1931 |         |
|----------|---------|
| x        | 0,1269  |
| y        | 0,7011  |
| u'       | 0,0455  |
| v'       | 0,5654  |
| L        | 100,00  |
| a        | -212,36 |
| b        | 78,29   |
| X        | 68,75   |
| Z        | 93,23   |

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-80-RGB - Sample:191118 - Blue  
 Measurement time: 2018-11-22 13:46:50  
 Report time: 2019-09-10 11:12:50  
 Signal Level: 70.691  
 Device: GLX10t 1104N041  
 Item No: FS-80-RGB - Blue  
 Made by: AUTLED GmbH  
 Note:

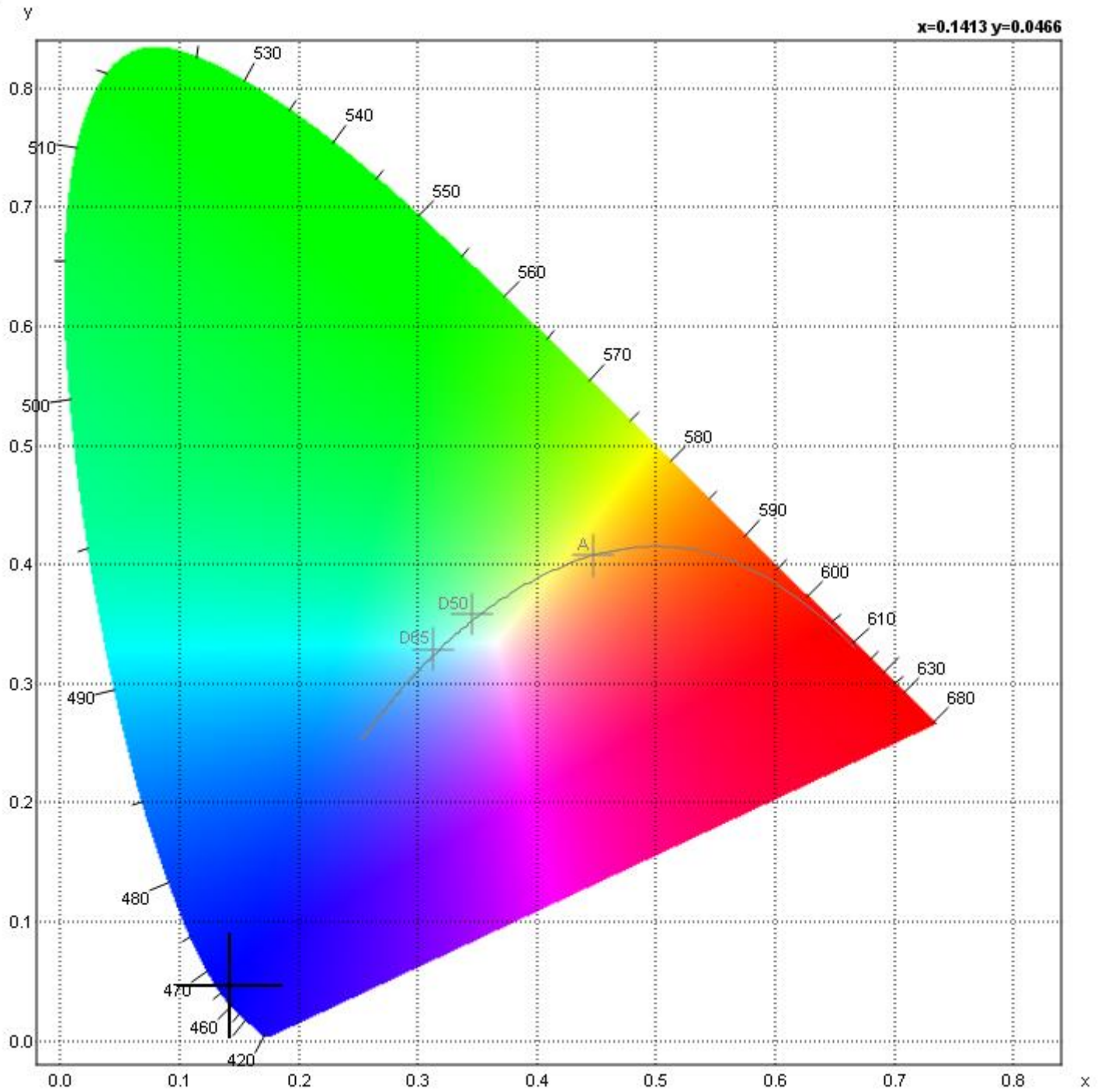
Results

| Important Values                |                |
|---------------------------------|----------------|
| CCT [K]                         | -              |
| Light Flux [lm]                 | 84,36          |
| Delta uv                        | nan            |
| Ansi Bin                        |                |
| Color Peak [nm]                 | 459,17         |
| Color Peak Value                | 59,31          |
| <b>Wavelength Domin. [nm]</b>   | <b>464,6</b>   |
| Radiometric [W]                 | 1,4818         |
| <b>Luminous Efficacy [lm/W]</b> | <b>15,5352</b> |
| <b>Power [W]</b>                | <b>5,43034</b> |
| Current [A]                     | 0.2265         |
| Voltage [V]                     | 23.975         |
| Frequency [Hz]                  |                |
| Power Factor                    |                |
| Sensor Temperature [°C]         | 20.8           |

| Rendering Indices |               |
|-------------------|---------------|
| Ra                | -54,7         |
| Rf                | 0             |
| Rg                | 48            |
| R1                | -54,8         |
| R2                | 0,7           |
| R3                | -89,2         |
| R4                | -100,0        |
| R5                | -39,4         |
| R6                | -37,9         |
| R7                | -30,5         |
| R8                | -86,4         |
| <b>R9</b>         | <b>-100,0</b> |
| R10               | -100,0        |
| R11               | -100,0        |
| R12               | -100,0        |
| R13               | -39,4         |
| R14               | -4,4          |

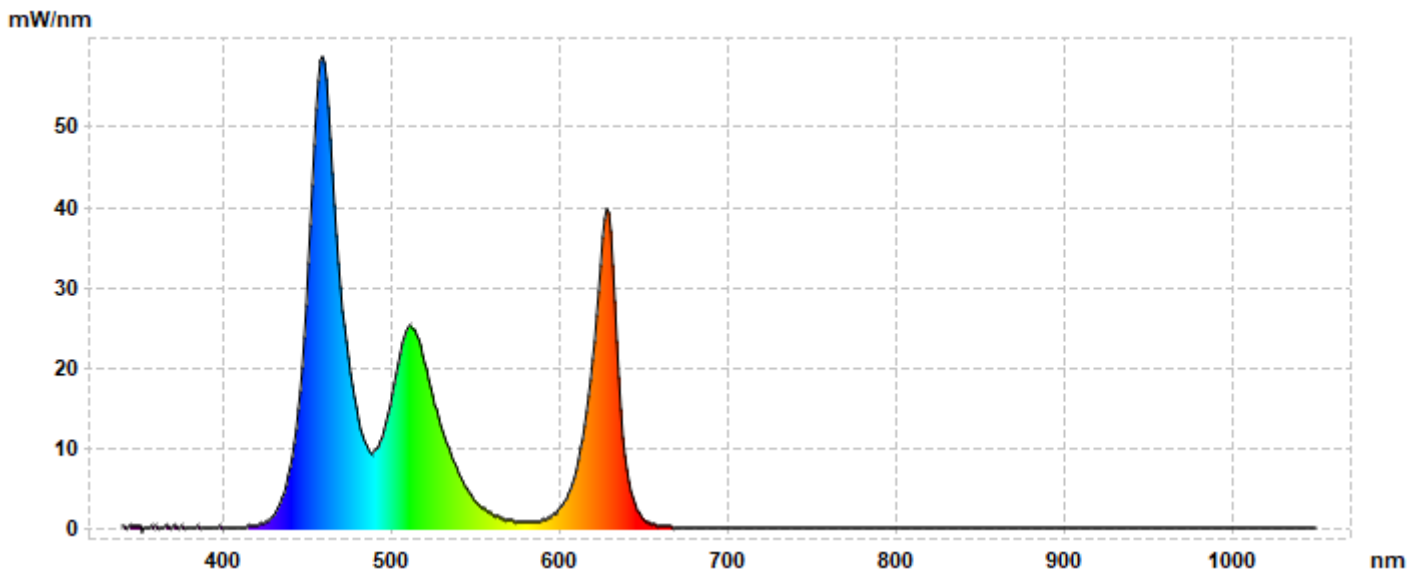
| CIE 1931 |         |
|----------|---------|
| x        | 0,1413  |
| y        | 0,0466  |
| u'       | 0,1725  |
| v'       | 0,1281  |
| L        | 100,00  |
| a        | 235,91  |
| b        | -303,93 |
| X        | 255,65  |
| Z        | 1469,33 |

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-80-RGB - Sample:191118 - 100%Mix  
 Measurement time: 2018-11-22 13:47:14  
 Report time: 2019-09-10 11:13:09  
 Signal Level: 70.033  
 Device: GLX10t 1104N041  
 Item No: FS-80-RGB - 100&Mix  
 Made by: AUTLED GmbH  
 Note:

Results

| Important Values         |         |
|--------------------------|---------|
| CCT [K]                  | -       |
| Light Flux [lm]          | 631,08  |
| Delta uv                 | nan     |
| Ansi Bin                 |         |
| Color Peak [nm]          | 459,17  |
| Color Peak Value         | 58,84   |
| Wavelength Domin. [nm]   | 471,5   |
| Radiometric [W]          | 3,1424  |
| Luminous Efficacy [lm/W] | 40,1856 |
| Power [W]                | 15,7041 |
| Current [A]              | 0.6551  |
| Voltage [V]              | 23.972  |
| Frequency [Hz]           |         |
| Power Factor             |         |
| Sensor Temperature [°C]  | 20.9    |

| Rendering Indices |        |
|-------------------|--------|
| Ra                | 40,8   |
| Rf                | 42     |
| Rg                | 110    |
| R1                | 28,3   |
| R2                | 30,5   |
| R3                | 26,9   |
| R4                | 77,7   |
| R5                | 41,1   |
| R6                | 10,5   |
| R7                | 68,5   |
| R8                | 42,9   |
| R9                | -100,0 |
| R10               | -78,0  |
| R11               | 56,8   |
| R12               | -27,0  |
| R13               | 21,4   |
| R14               | 61,8   |

| CIE 1931 |         |
|----------|---------|
| x        | 0,2421  |
| y        | 0,2186  |
| u'       | 0,1884  |
| v'       | 0,3828  |
| L        | 100,00  |
| a        | 26,14   |
| b        | -62,70  |
| X        | 698,89  |
| Z        | 1557,13 |

CIE 1931

