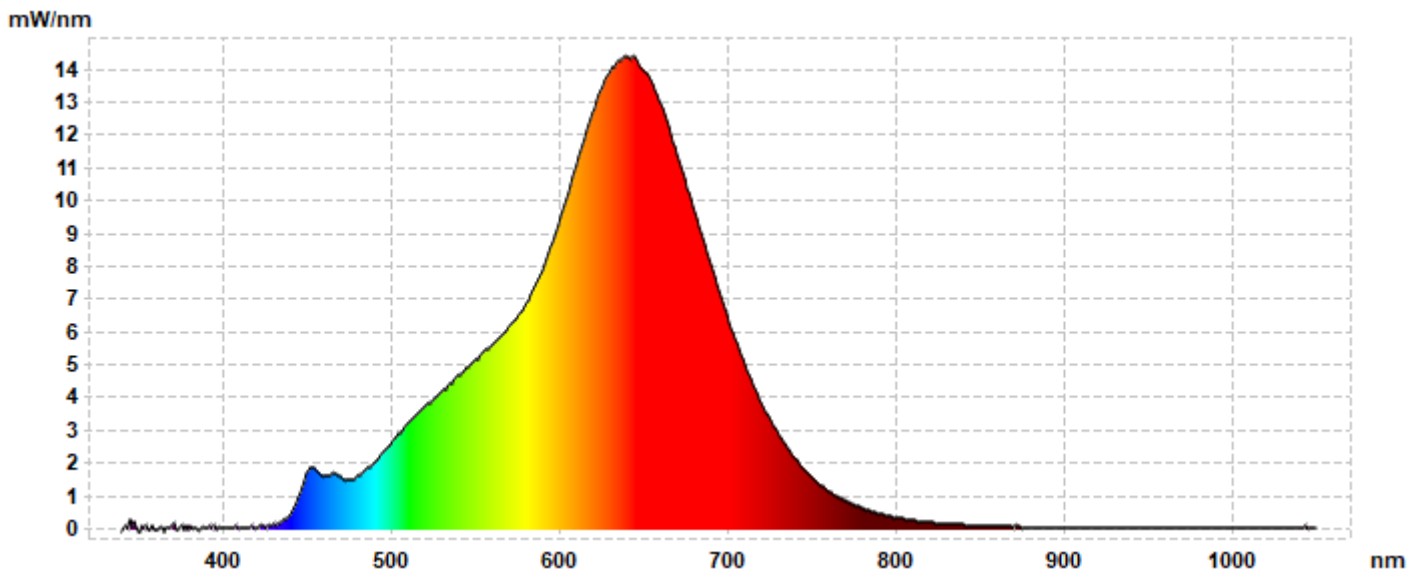


Measuring Report

Spectrum



Measurement name: FS-30-CLW - Chg:080119  
 Measurement time: 2019-01-10 10:22:17  
 Report time: 2019-09-09 16:33:31  
 Signal Level: 68.274  
 Device: GLX10t 1104N041  
 Item No: FS-30-CW  
 Made by: AUTLED GmbH  
 Note:

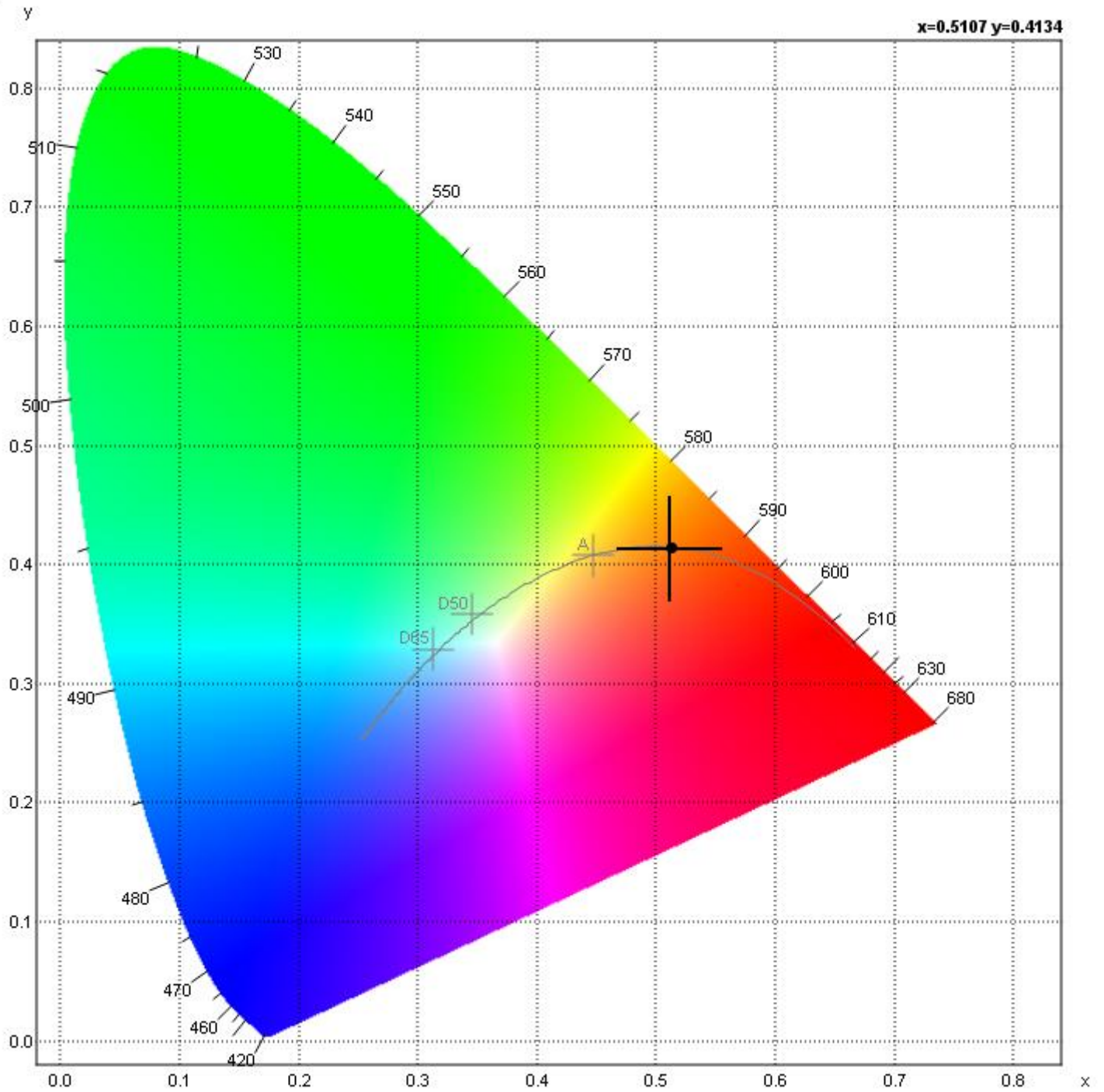
Results

Important Values	
CCT [K]	2140
Light Flux [lm]	459,71
Delta uv	-0,0005
Ansi Bin	
Color Peak [nm]	638,46
Color Peak Value	14,46
Wavelength Domin. [nm]	587,9
Radiometric [W]	2,0117
Luminous Efficacy [lm/W]	75,0061
Power [W]	6,12897
Current [A]	0.2558
Voltage [V]	23.96
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.5

Rendering Indices	
Ra	95,6
Rf	93
Rg	100
R1	95,7
R2	96,7
R3	98,6
R4	94,5
R5	94,6
R6	91,5
R7	96,6
R8	96,9
R9	93,6
R10	94,6
R11	89,0
R12	86,0
R13	95,2
R14	97,6

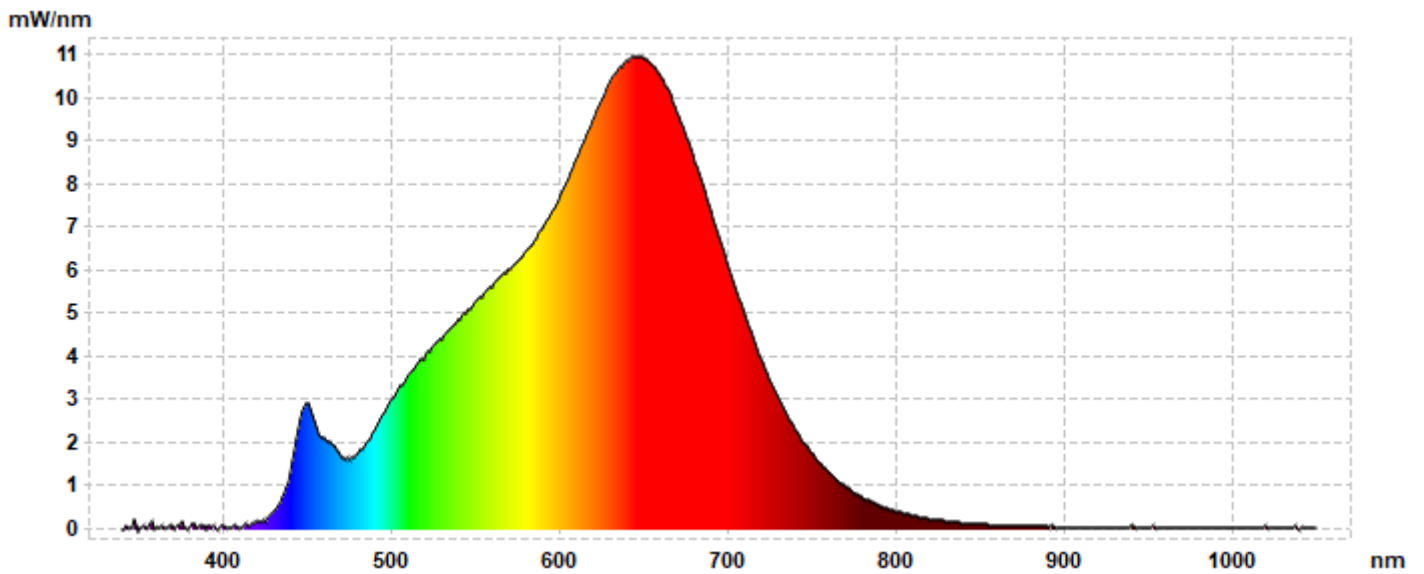
CIE 1931	
x	0,5107
y	0,4134
u'	0,2944
v'	0,5362
L	100,00
a	45,65
b	89,52
X	567,87
Z	84,37

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-30-UWW - Chg:080119  
 Measurement time: 2019-01-10 10:31:05  
 Report time: 2019-09-09 16:36:51  
 Signal Level: 68.759  
 Device: GLX10t 1104N041  
 Item No: FS-30-UWW  
 Made by: Günther Zlabinger  
 Note:

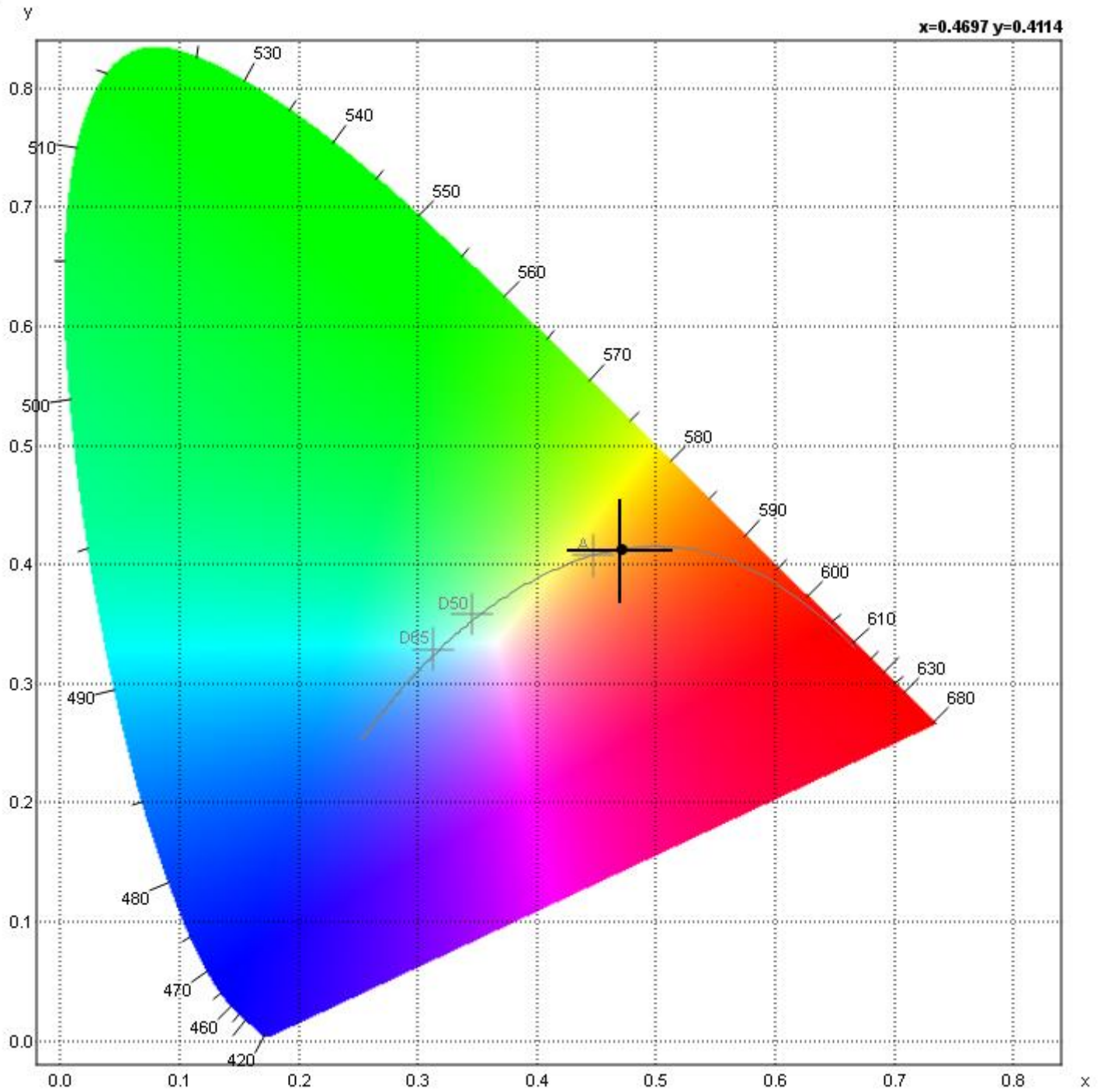
Results

Important Values	
CCT [K]	2573
Light Flux [lm]	422,59
Delta uv	-0,0005
Ansi Bin	
Color Peak [nm]	643,95
Color Peak Value	11,00
Wavelength Domin. [nm]	585,0
Radiometric [W]	1,8276
Luminous Efficacy [lm/W]	70,7761
Power [W]	5,97083
Current [A]	0.2492
Voltage [V]	23.96
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.4

Rendering Indices	
Ra	98,1
Rf	96
Rg	102
R1	97,9
R2	99,5
R3	96,3
R4	96,7
R5	98,1
R6	98,1
R7	99,4
R8	98,7
R9	98,4
R10	99,4
R11	94,2
R12	92,2
R13	98,1
R14	96,9

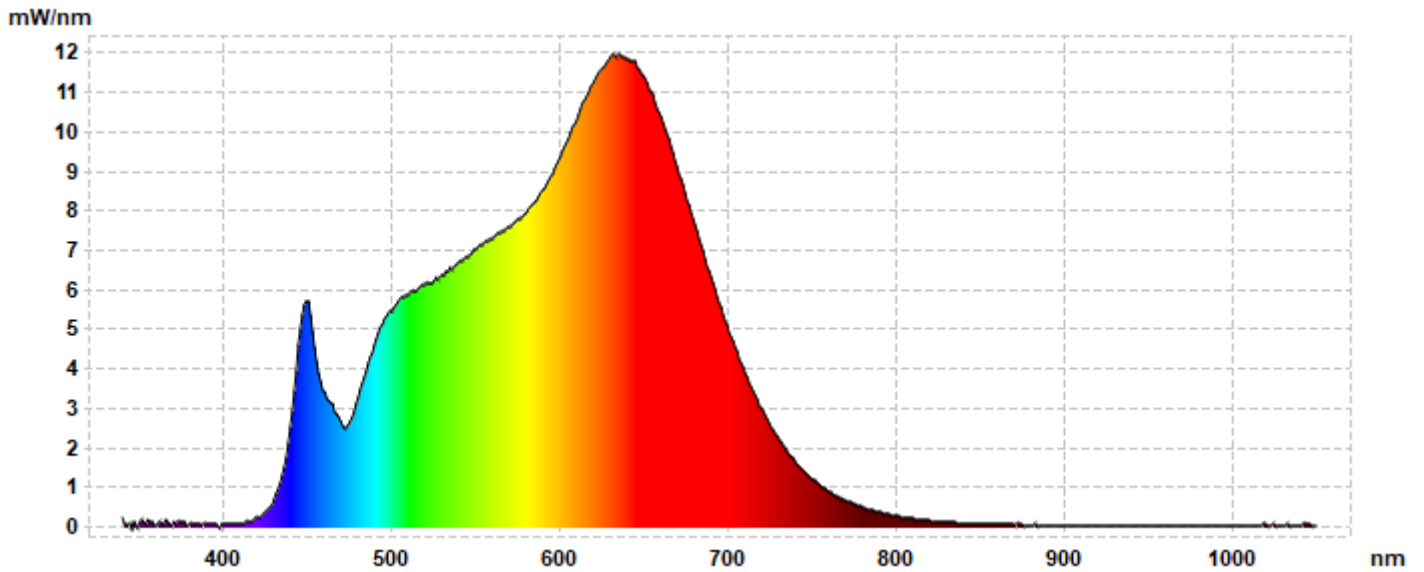
CIE 1931	
x	0,4697
y	0,4114
u'	0,2685
v'	0,5291
L	100,00
a	31,53
b	71,46
X	482,54
Z	122,16

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-30-WW - Chg:080119  
 Measurement time: 2019-01-10 11:25:43  
 Report time: 2019-09-09 16:37:52  
 Signal Level: 68.646  
 Device: GLX10t 1104N041  
 Item No: FS-30-WW  
 Made by: Günther Zlabinger  
 Note:

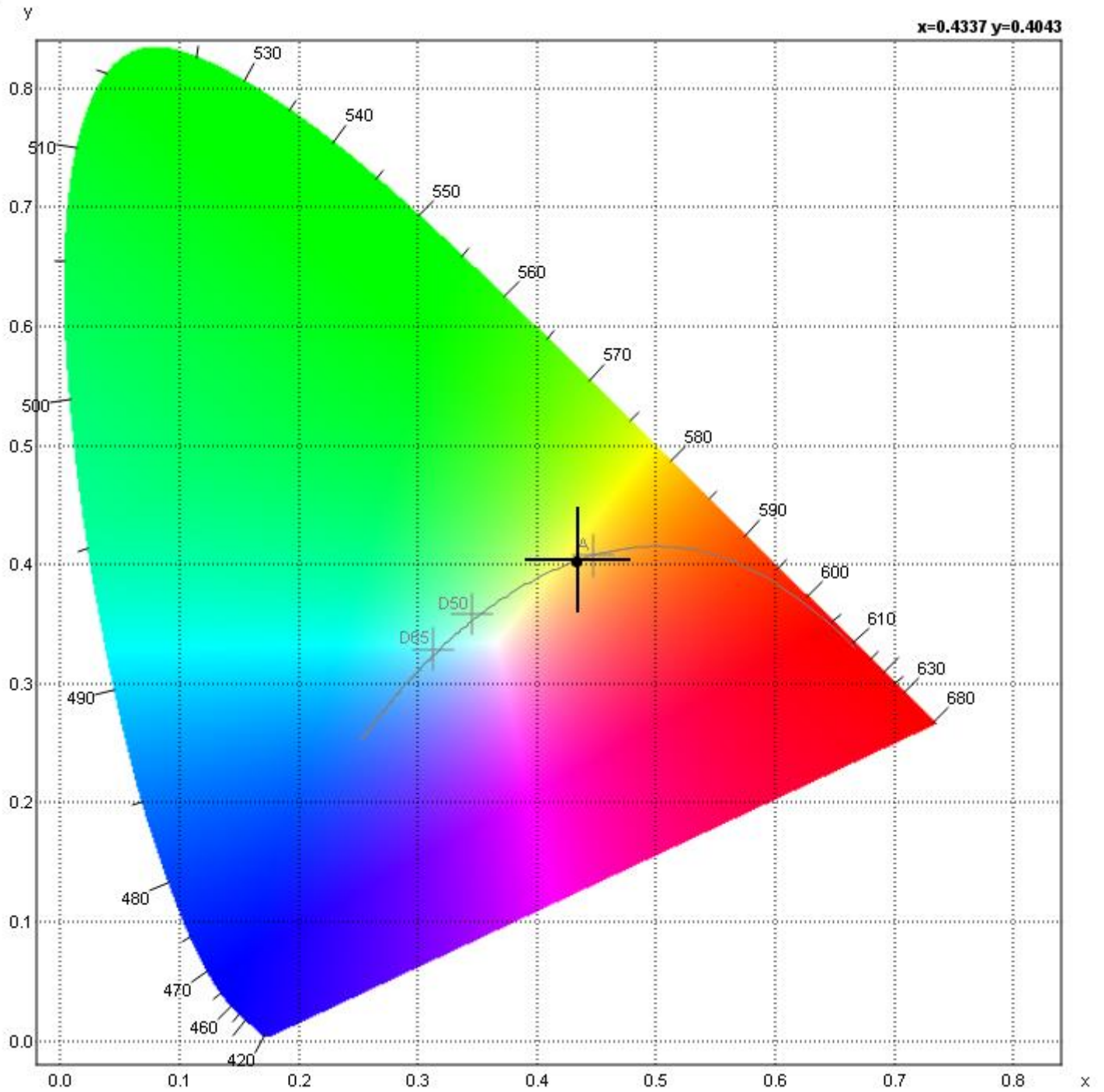
Results

Important Values	
CCT [K]	3056
Light Flux [lm]	548,59
Delta uv	0,0005
Ansi Bin	7B4
Color Peak [nm]	635,24
Color Peak Value	12,00
Wavelength Domin. [nm]	582,4
Radiometric [W]	2,1092
Luminous Efficacy [lm/W]	90,4942
Power [W]	6,06213
Current [A]	0.253
Voltage [V]	23.961
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.1

Rendering Indices	
Ra	96,8
Rf	94
Rg	101
R1	95,8
R2	97,8
R3	98,4
R4	94,8
R5	95,7
R6	95,3
R7	98,9
R8	97,7
R9	96,2
R10	95,4
R11	91,0
R12	91,2
R13	96,0
R14	98,4

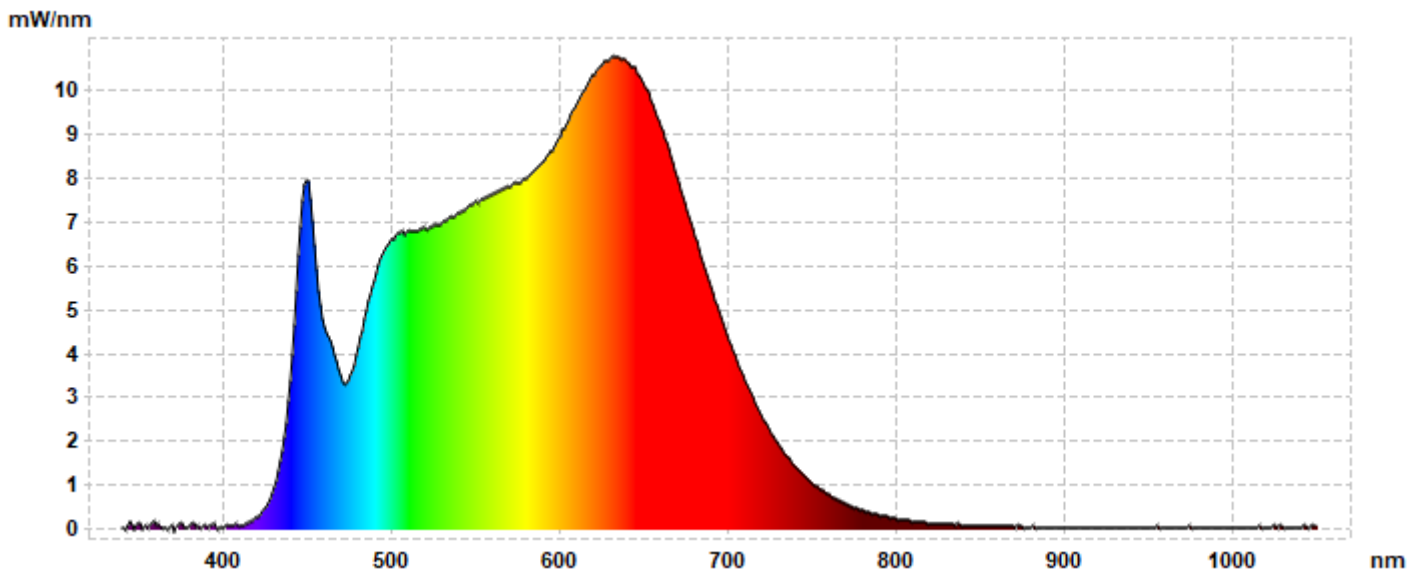
CIE 1931	
x	0,4337
y	0,4043
u'	0,2484
v'	0,5210
L	100,00
a	20,59
b	56,67
X	588,53
Z	219,83

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-30-HW  
 Measurement time: 2018-11-14 09:45:55  
 Report time: 2019-09-09 16:42:07  
 Signal Level: 67.457  
 Device: GLX10t 1104N041  
 Item No: FS-30-HW  
 Made by: Günther Zlabinger  
 Note:

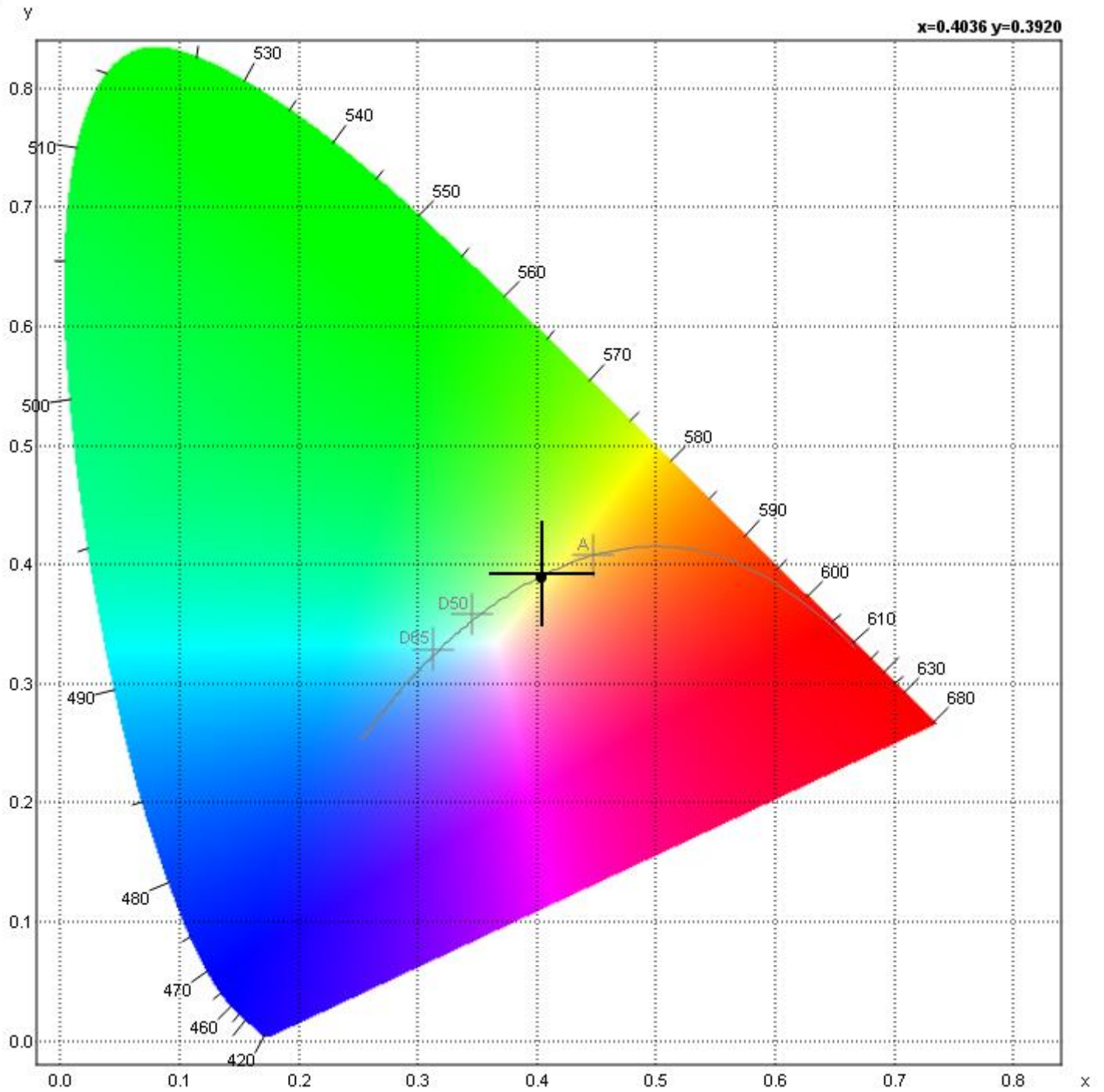
Results

Important Values	
CCT [K]	3549
Light Flux [lm]	564,22
Delta uv	0,0009
Ansi Bin	6B4
Color Peak [nm]	635,24
Color Peak Value	10,83
Wavelength Domin. [nm]	580,3
Radiometric [W]	2,1097
Luminous Efficacy [lm/W]	93,4416
Power [W]	6,03817
Current [A]	0.252
Voltage [V]	23.961
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.0

Rendering Indices	
Ra	97,1
Rf	94
Rg	100
R1	96,3
R2	97,8
R3	98,9
R4	95,9
R5	96,5
R6	96,1
R7	98,3
R8	97,3
R9	94,9
R10	95,2
R11	92,7
R12	88,1
R13	96,4
R14	98,8

CIE 1931	
x	0,4036
y	0,3920
u'	0,2341
v'	0,5115
L	100,00
a	13,50
b	43,51
X	580,89
Z	294,31

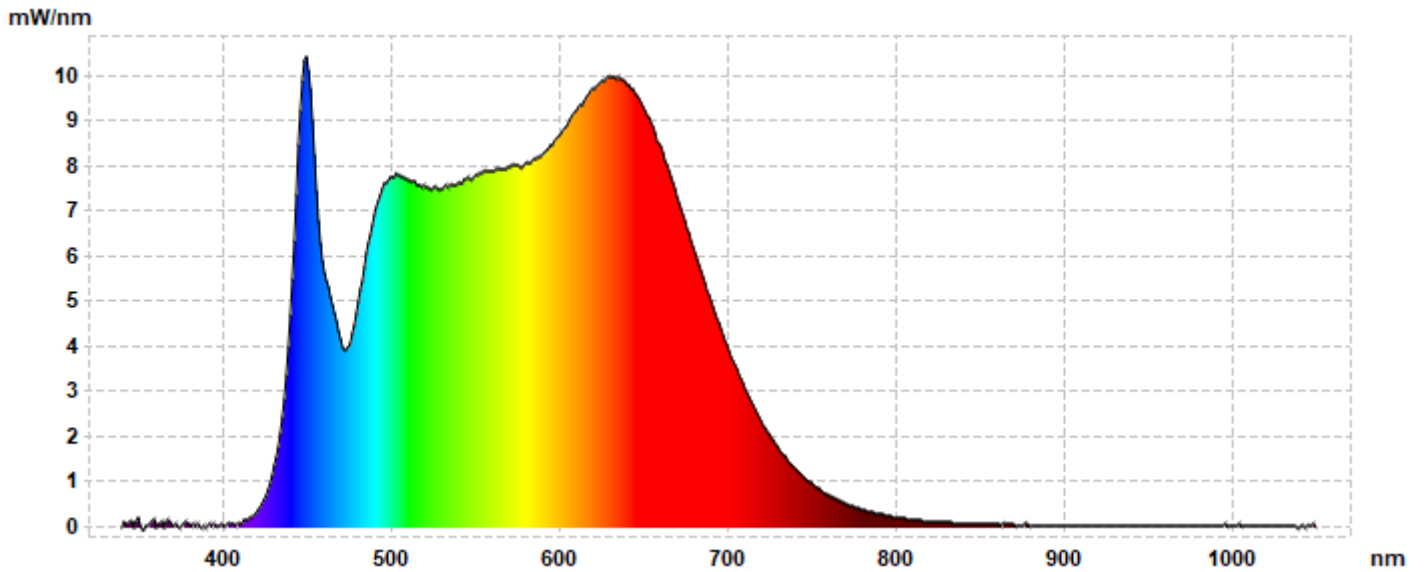
CIE 1931





Measuring Report

Spectrum



Measurement name: FS-30-NW  
 Measurement time: 2018-11-14 09:53:05  
 Report time: 2019-09-09 16:43:51  
 Signal Level: 68.065  
 Device: GLX10t 1104N041  
 Item No: FS-30-NW  
 Made by: Günther Zlabinger  
 Note:

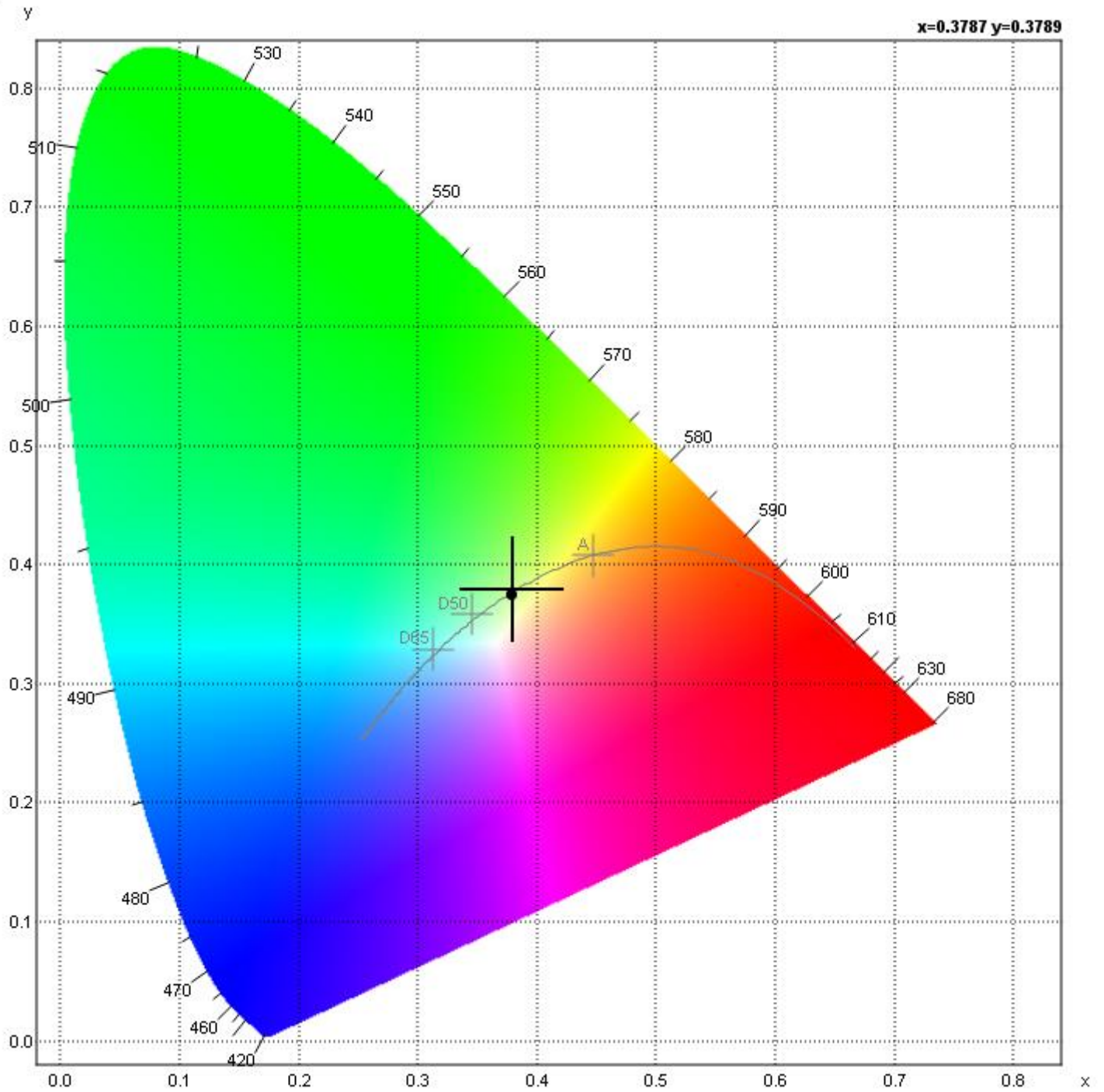
Results

Important Values	
CCT [K]	4063
Light Flux [lm]	579,87
Delta uv	0,0015
Ansi Bin	5B4
Color Peak [nm]	449,75
Color Peak Value	10,50
Wavelength Domin. [nm]	578,0
Radiometric [W]	2,1472
Luminous Efficacy [lm/W]	95,9800
Power [W]	6,04158
Current [A]	0.2521
Voltage [V]	23.965
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	20.9

Rendering Indices	
Ra	97,2
Rf	93
Rg	100
R1	96,6
R2	97,7
R3	98,7
R4	96,4
R5	96,9
R6	96,5
R7	97,8
R8	97,0
R9	94,2
R10	94,5
R11	93,5
R12	86,2
R13	96,5
R14	98,9

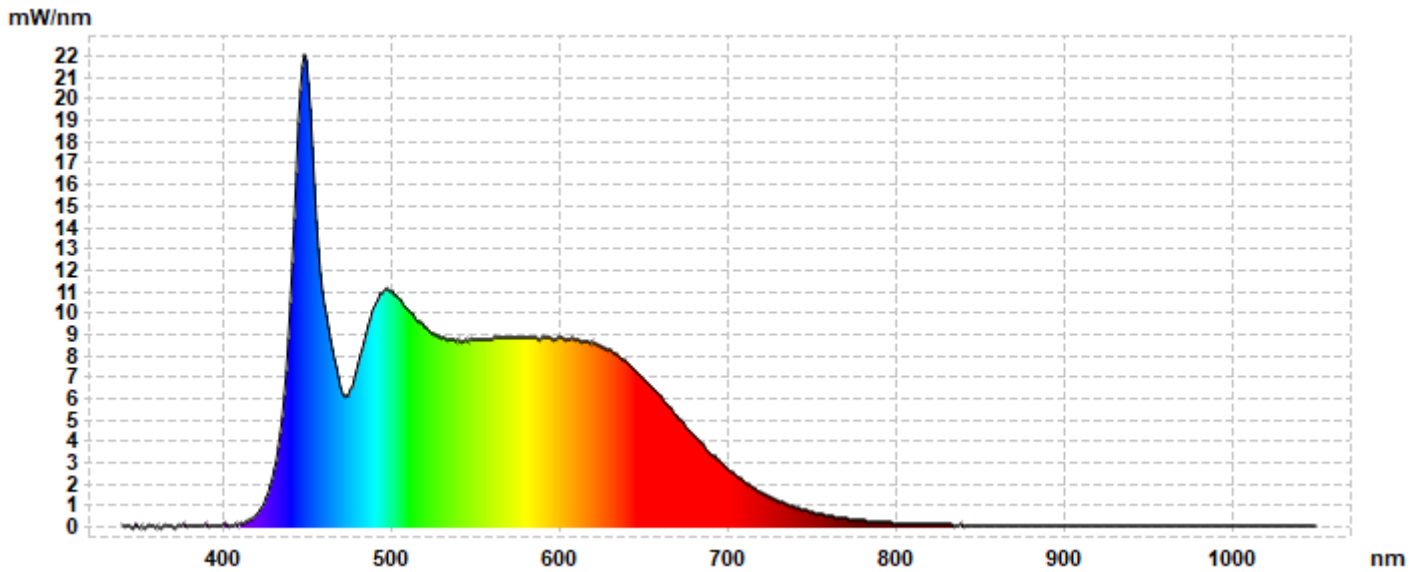
CIE 1931	
x	0,3787
y	0,3789
u'	0,2231
v'	0,5023
L	100,00
a	8,45
b	32,50
X	579,56
Z	370,89

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-30-CW - Chg:140119  
 Measurement time: 2019-01-16 14:42:34  
 Report time: 2019-09-09 16:45:53  
 Signal Level: 68.841  
 Device: GLX10t 1104N041  
 Item No: FS-30-CW  
 Made by: Guenther Zlabinger  
 Note:

Results

Important Values	
CCT [K]	6176
Light Flux [lm]	646,08
Delta uv	-0,0005
Ansi Bin	1D
Color Peak [nm]	448,26
Color Peak Value	22,31
Wavelength Domin. [nm]	486,8
Radiometric [W]	2,3902
Luminous Efficacy [lm/W]	106,4939
Power [W]	6,06681
Current [A]	0.2531
Voltage [V]	23.97
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.2

Rendering Indices	
Ra	96,8
Rf	94
Rg	101
R1	96,6
R2	97,3
R3	97,7
R4	97,5
R5	97,0
R6	94,8
R7	97,0
R8	96,7
R9	94,4
R10	93,3
R11	93,3
R12	84,3
R13	96,8
R14	98,3

CIE 1931	
x	0,3190
y	0,3280
u'	0,2026
v'	0,4687
L	100,00
a	3,85
b	0,79
X	628,36
Z	695,13

CIE 1931

