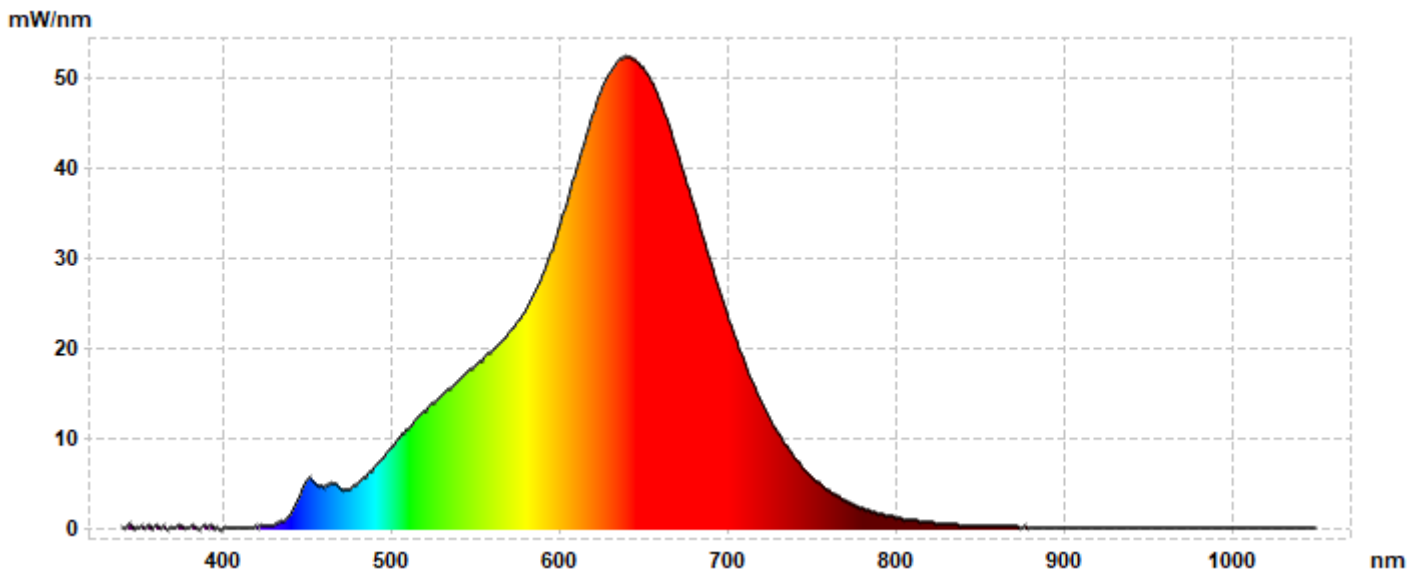


Measuring Report

Spectrum



Measurement name: FS-95-CLW - Chg:150419
 Measurement time: 2019-04-15 17:10:15
 Report time: 2019-09-09 17:00:54
 Signal Level: 70.116
 Device: GLX10t 1104N041
 Item No: FS-95-CLW
 Made by: Günther Zlabinger
 Note:

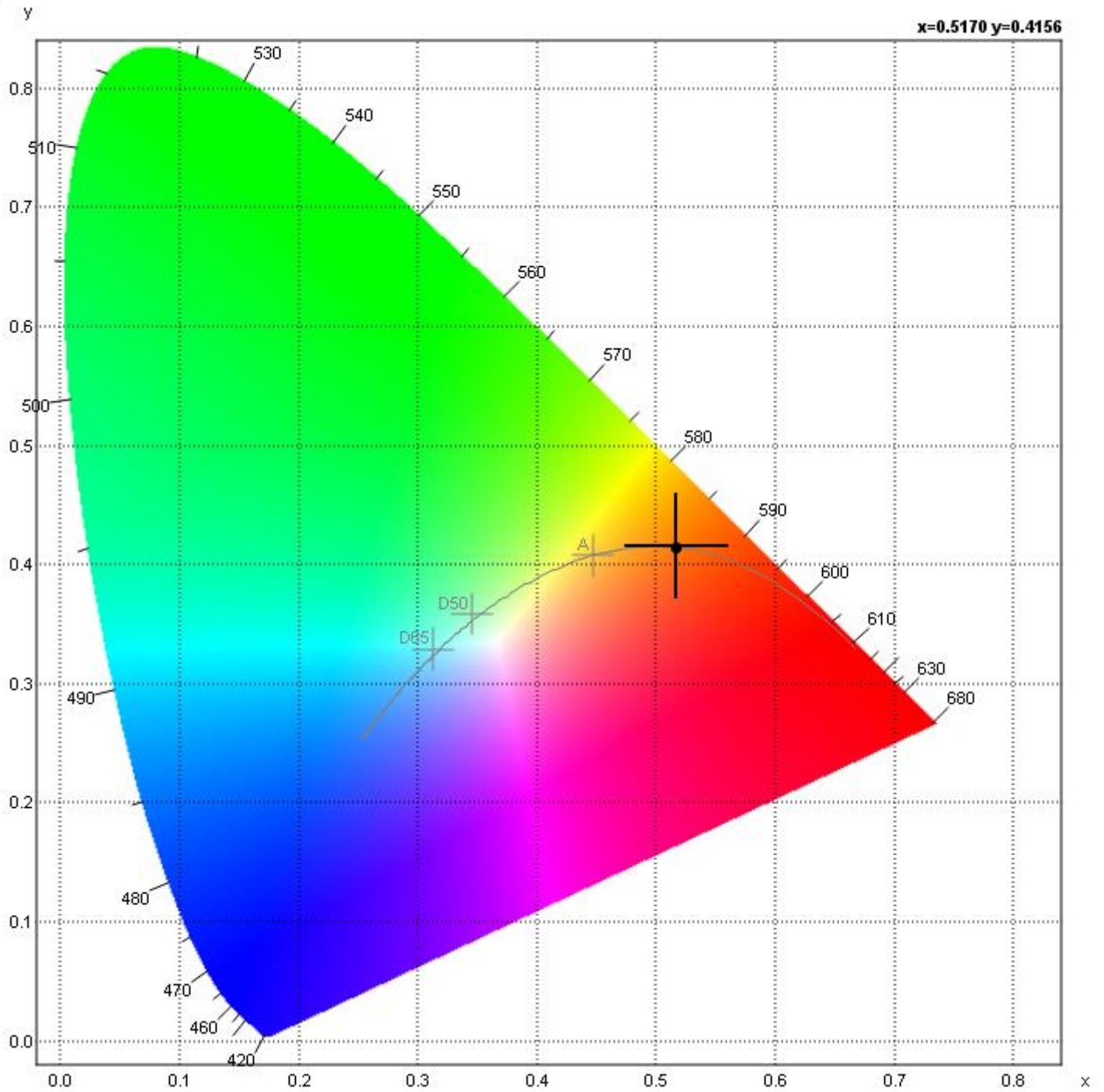
Results

Important Values	
CCT [K]	2097
Light Flux [lm]	1634,65
Delta uv	0,0003
Ansi Bin	
Color Peak [nm]	642,12
Color Peak Value	52,37
Wavelength Domin. [nm]	588,0
Radiometric [W]	7,2310
Luminous Efficacy [lm/W]	83,7320
Power [W]	19,5224
Current [A]	0.8152
Voltage [V]	23.948
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.4

Rendering Indices	
Ra	95,8
Rf	93
Rg	99
R1	95,9
R2	97,3
R3	97,6
R4	94,0
R5	94,8
R6	92,3
R7	97,2
R8	97,1
R9	93,0
R10	96,0
R11	88,2
R12	88,2
R13	95,5
R14	96,9

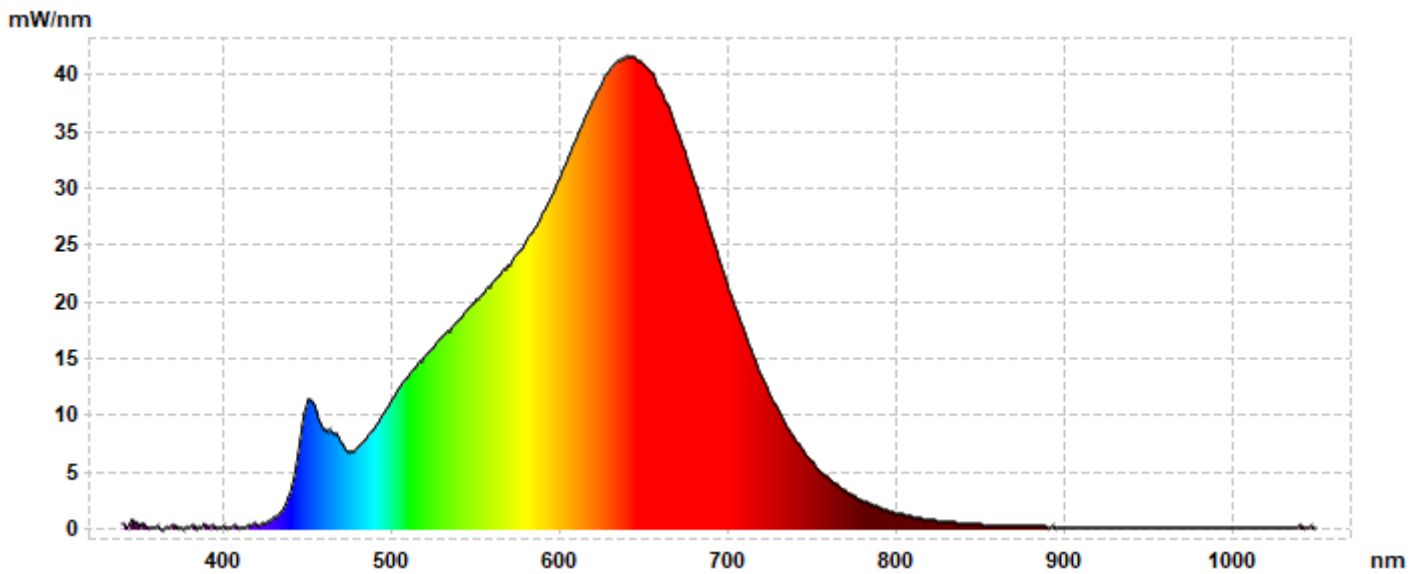
CIE 1931	
x	0,5170
y	0,4156
u'	0,2974
v'	0,5379
L	100,00
a	46,94
b	93,94
X	2033,62
Z	265,42

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-95-UWW - Chg:020419
 Measurement time: 2019-04-03 08:14:03
 Report time: 2019-09-09 17:02:54
 Signal Level: 69.688
 Device: GLX10t 1104N041
 Item No: FS-95-UWW
 Made by: Günther Zlabinger
 Note:

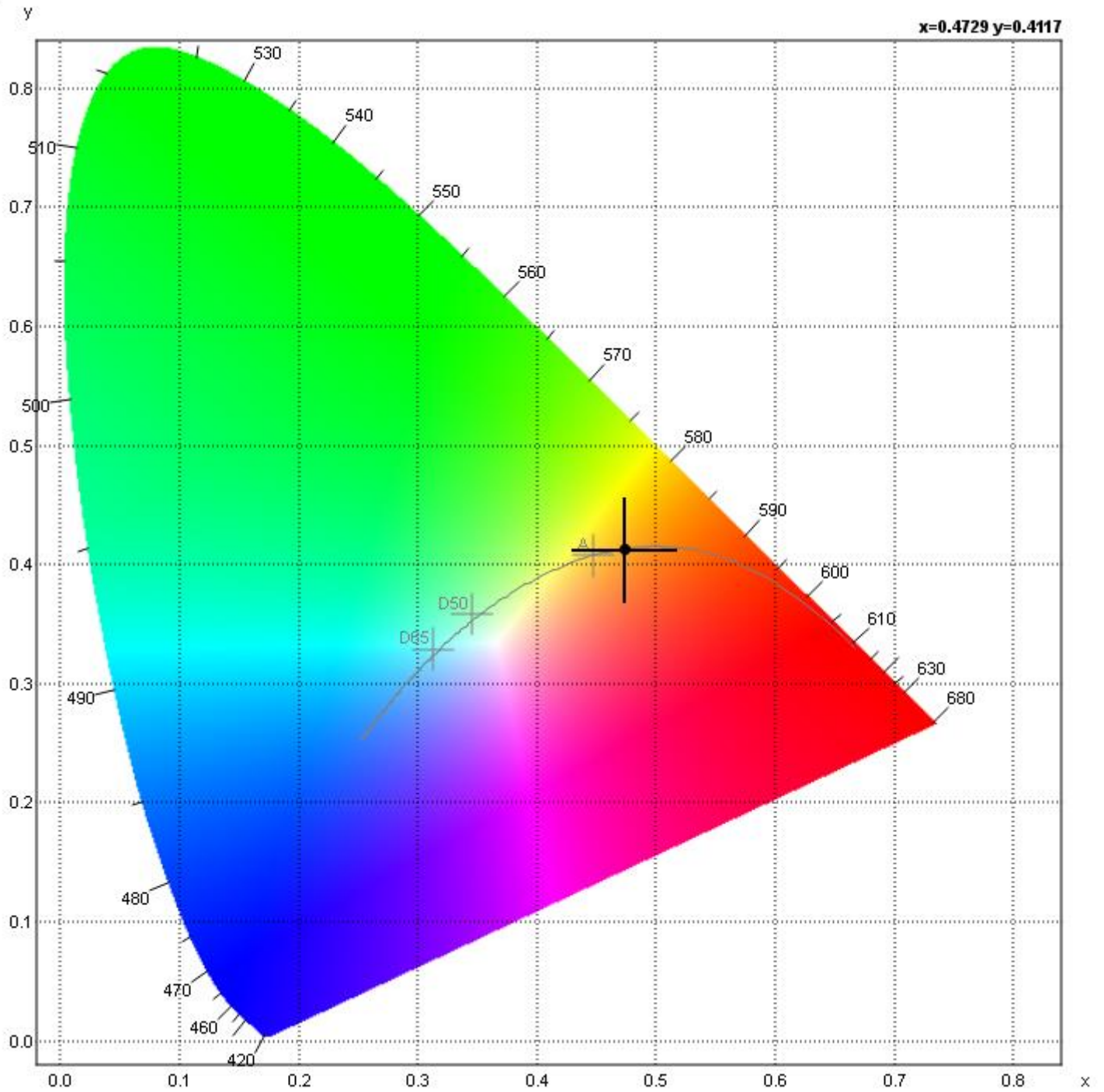
Results

Important Values	
CCT [K]	2535
Light Flux [lm]	1638,44
Delta uv	-0,0005
Ansi Bin	
Color Peak [nm]	645,32
Color Peak Value	41,61
Wavelength Domin. [nm]	585,2
Radiometric [W]	6,8657
Luminous Efficacy [lm/W]	80,1183
Power [W]	20,4502
Current [A]	0.8533
Voltage [V]	23.966
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.2

Rendering Indices	
Ra	98,1
Rf	95
Rg	101
R1	98,8
R2	99,1
R3	98,4
R4	98,8
R5	98,7
R6	96,8
R7	97,6
R8	96,9
R9	93,4
R10	99,4
R11	96,0
R12	89,4
R13	98,6
R14	98,0

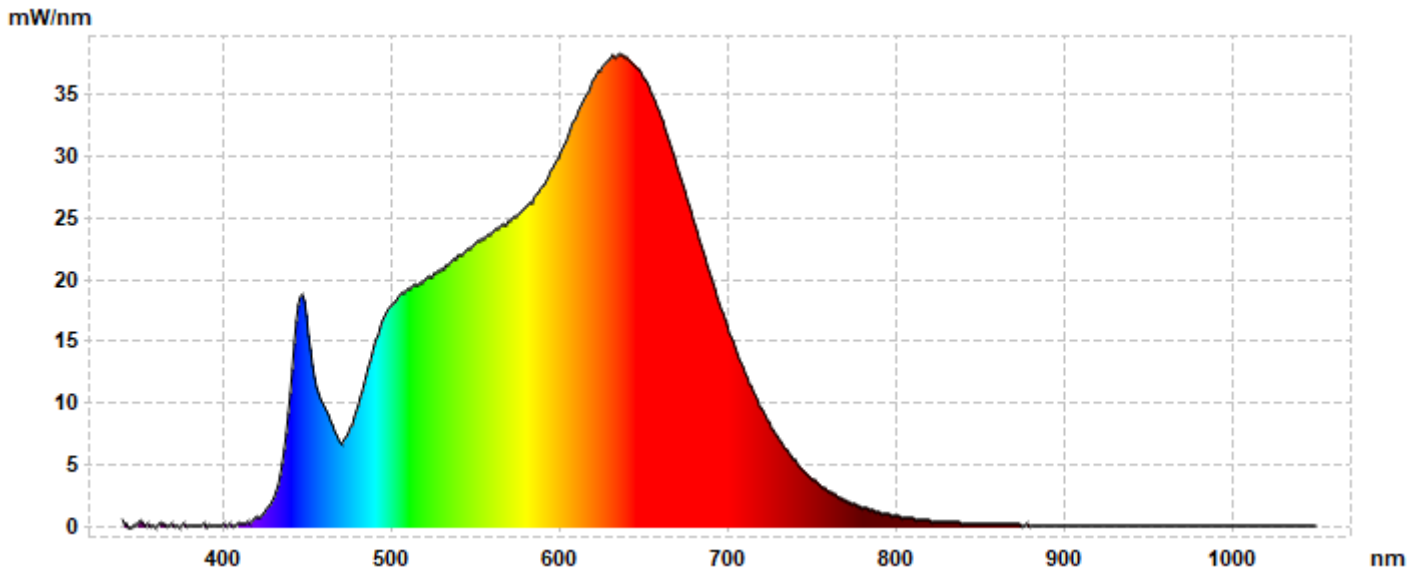
CIE 1931	
x	0,4729
y	0,4117
u'	0,2704
v'	0,5297
L	100,00
a	32,59
b	72,75
X	1882,05
Z	459,49

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-95-WW - Sample:100119
 Measurement time: 2019-01-10 17:07:49
 Report time: 2019-09-09 17:05:15
 Signal Level: 69.200
 Device: GLX10t 1104N041
 Item No: FS-95-WW
 Made by: Günther Zlabinger
 Note:

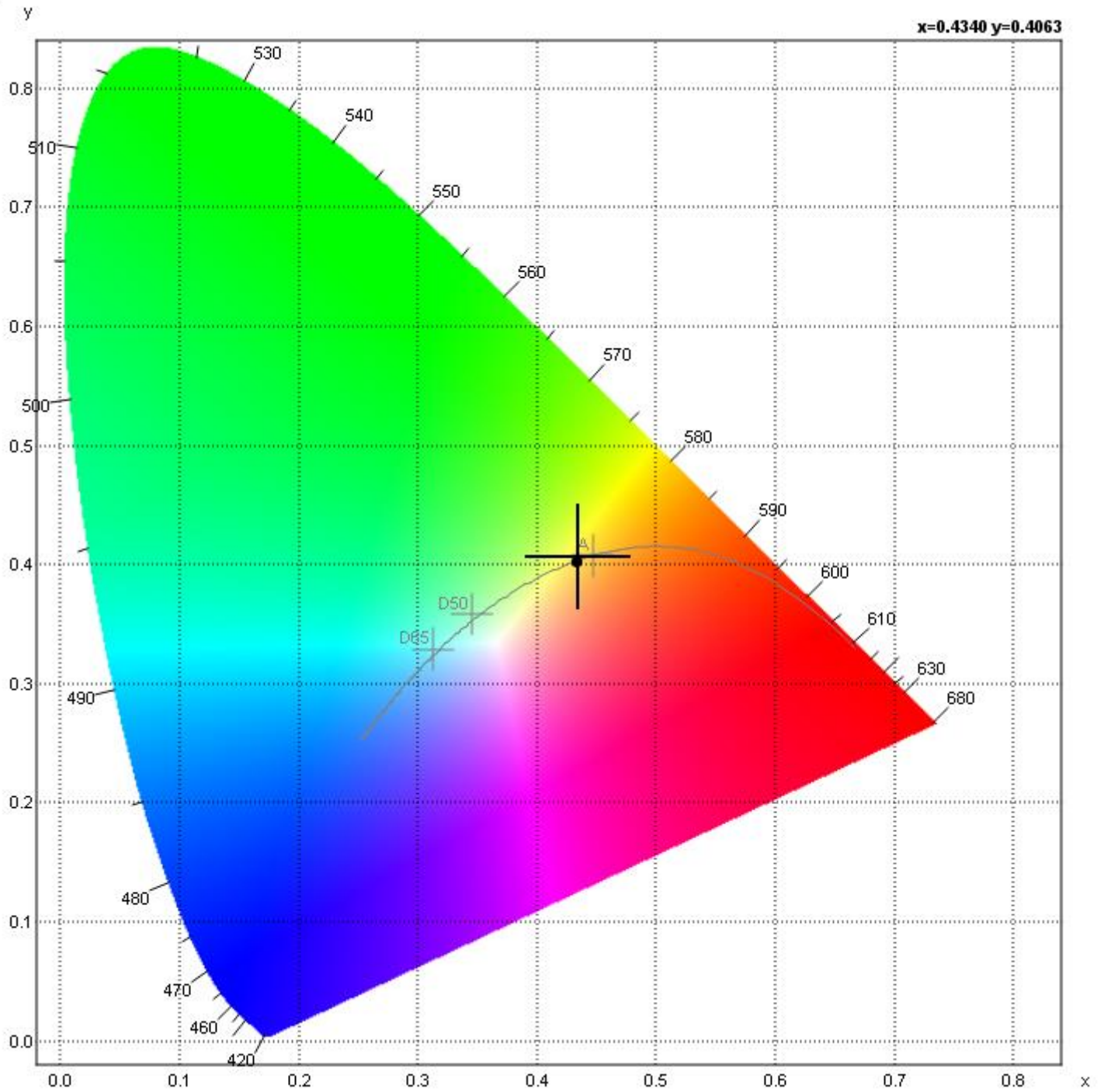
Results

Important Values	
CCT [K]	3069
Light Flux [lm]	1777,33
Delta uv	0,0013
Ansi Bin	7B4
Color Peak [nm]	635,24
Color Peak Value	38,39
Wavelength Domin. [nm]	582,1
Radiometric [W]	6,7670
Luminous Efficacy [lm/W]	90,7745
Power [W]	19,5796
Current [A]	0.8166
Voltage [V]	23.977
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.2

Rendering Indices	
Ra	97,5
Rf	96
Rg	101
R1	96,9
R2	99,1
R3	97,3
R4	94,8
R5	96,8
R6	97,2
R7	99,4
R8	98,7
R9	98,7
R10	98,1
R11	91,2
R12	94,3
R13	97,3
R14	97,8

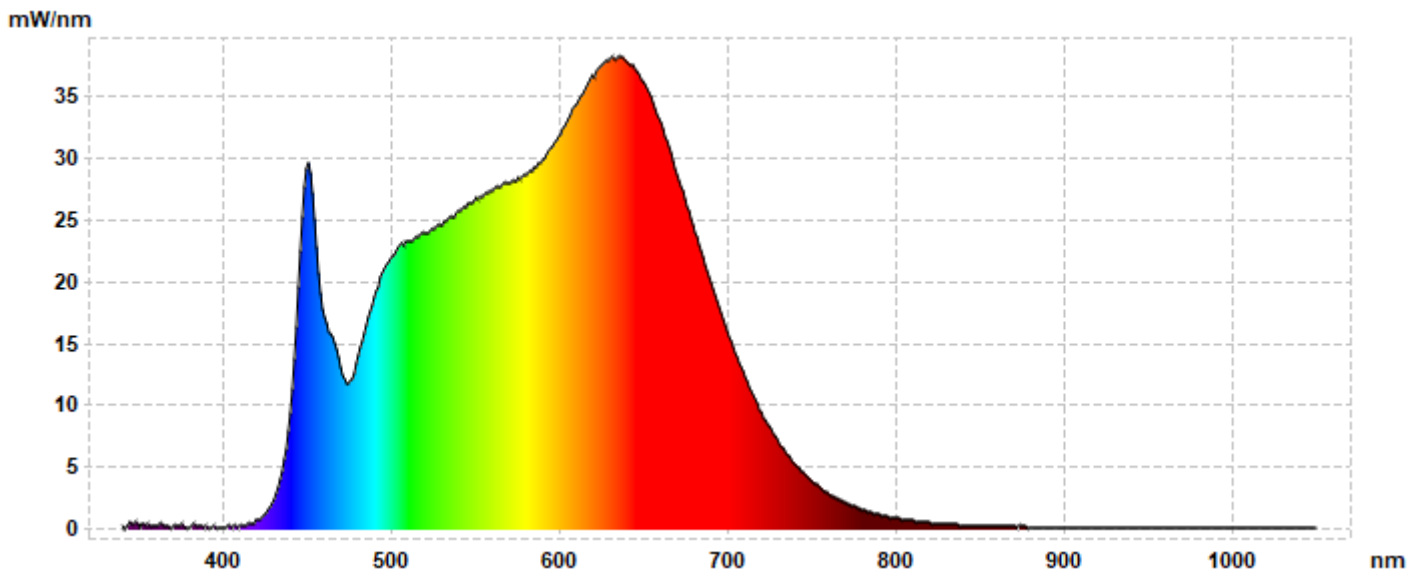
CIE 1931	
x	0,4340
y	0,4063
u'	0,2477
v'	0,5218
L	100,00
a	19,81
b	57,60
X	1898,20
Z	698,52

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-95-HW - Sample:100119
 Measurement time: 2019-01-10 17:03:33
 Report time: 2019-09-09 17:07:44
 Signal Level: 69.805
 Device: GLX10t 1104N041
 Item No: FS-95-HW
 Made by: Günther Zlabinger
 Note:

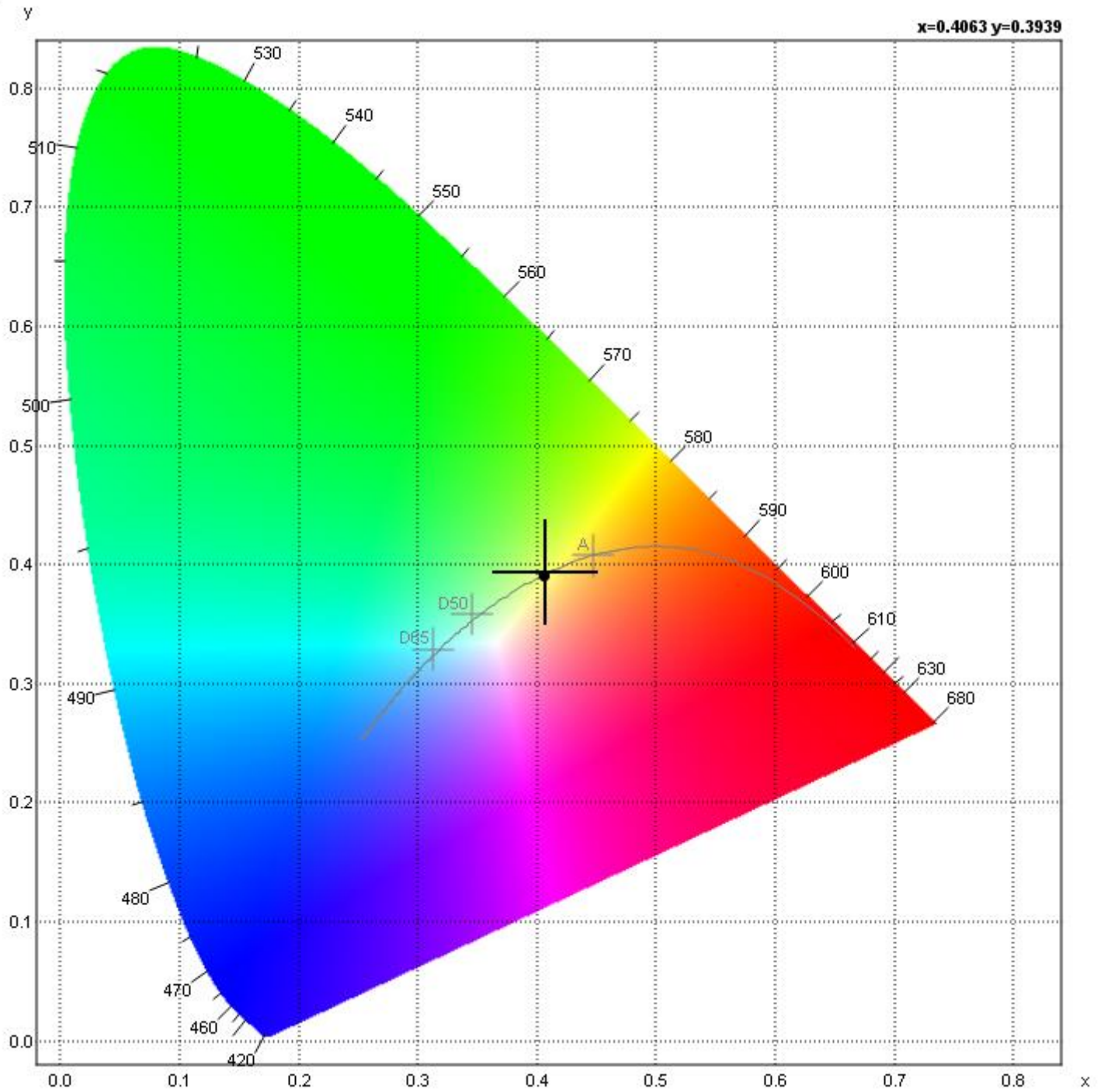
Results

Important Values	
CCT [K]	3504
Light Flux [lm]	2002,89
Delta uv	0,0011
Ansi Bin	6B4
Color Peak [nm]	632,03
Color Peak Value	38,35
Wavelength Domin. [nm]	580,4
Radiometric [W]	7,4724
Luminous Efficacy [lm/W]	98,2676
Power [W]	20,382
Current [A]	0.8501
Voltage [V]	23.976
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.2

Rendering Indices	
Ra	97,9
Rf	93
Rg	100
R1	97,4
R2	98,7
R3	98,7
R4	97,3
R5	97,7
R6	97,1
R7	98,1
R8	97,9
R9	98,0
R10	97,4
R11	94,9
R12	84,7
R13	97,5
R14	98,6

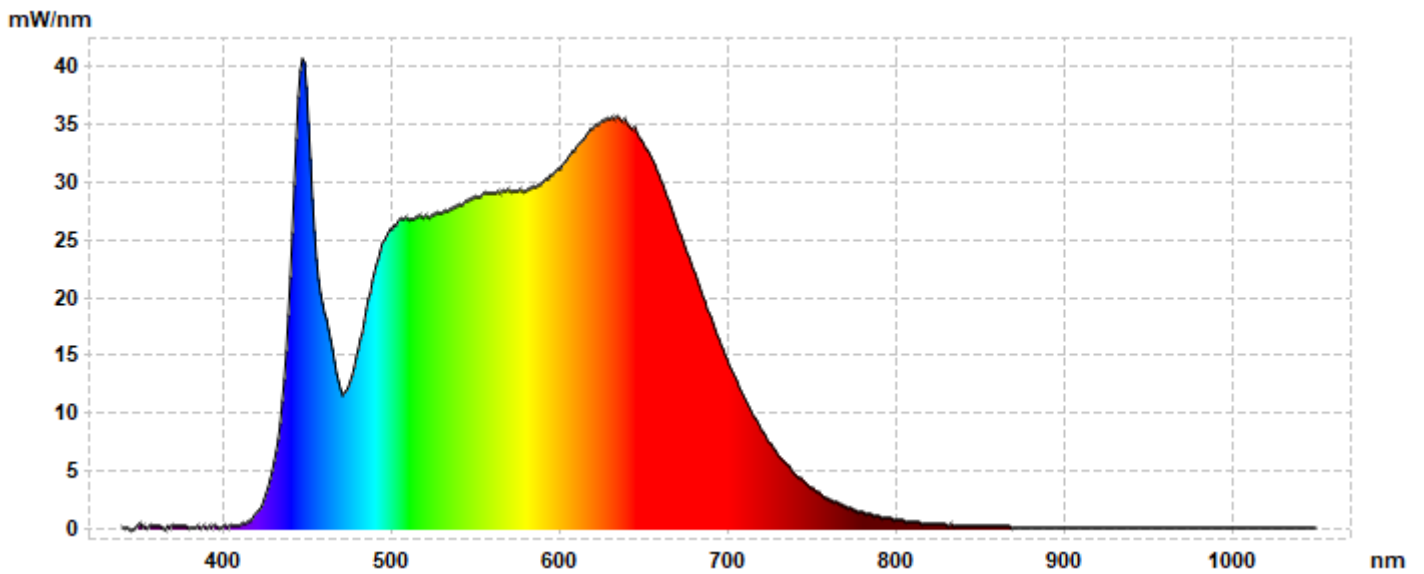
CIE 1931	
x	0,4063
y	0,3939
u'	0,2351
v'	0,5127
L	100,00
a	13,84
b	44,94
X	2066,22
Z	1016,23

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-95-NW - Chg:260319
 Measurement time: 2019-03-27 10:05:30
 Report time: 2019-09-09 17:09:09
 Signal Level: 69.203
 Device: GLX10t 1104N041
 Item No: FS-95-NW
 Made by: Günther Zlabinger
 Note:

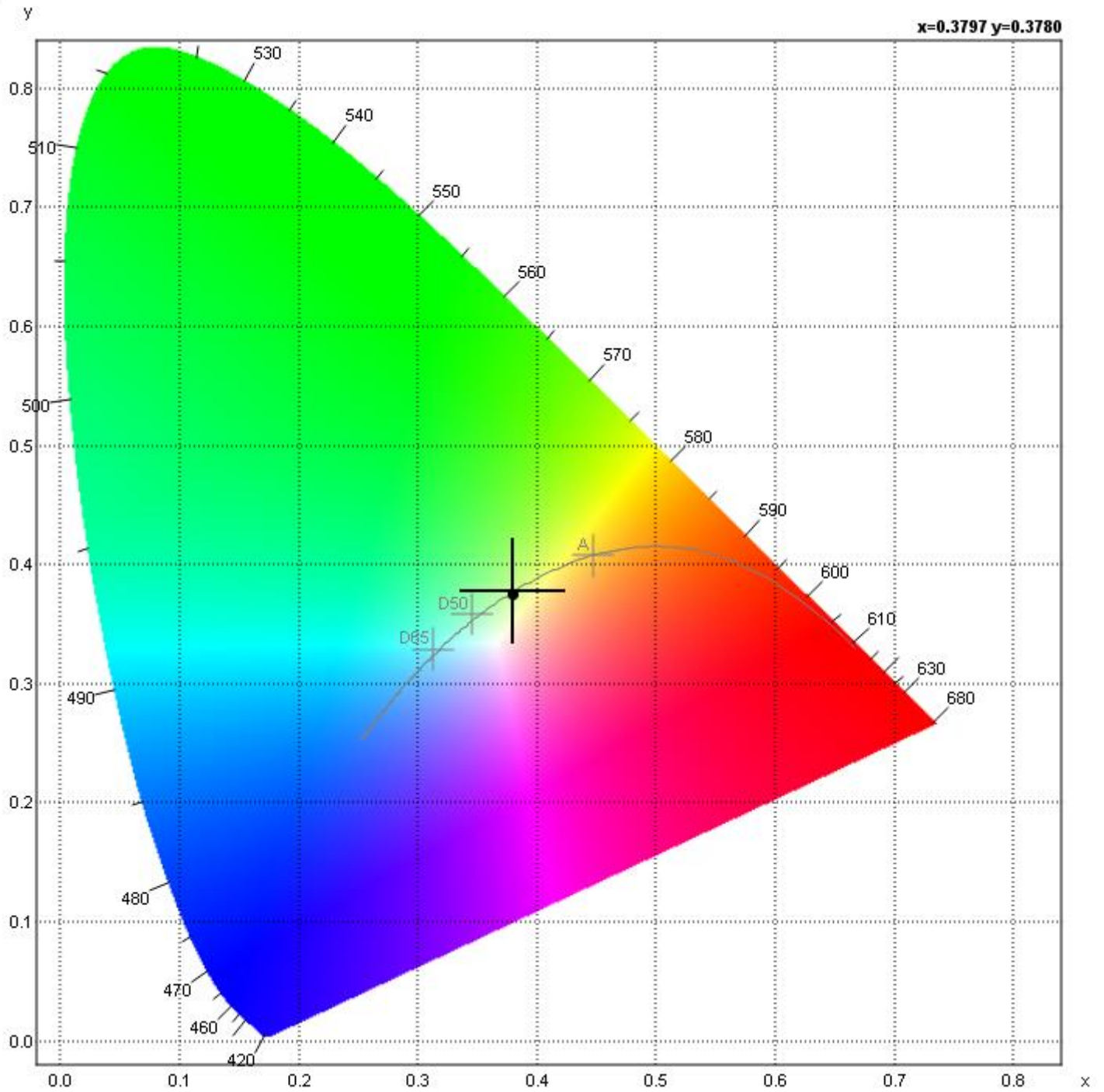
Results

Important Values	
CCT [K]	4030
Light Flux [lm]	2090,44
Delta uv	0,0008
Ansi Bin	5A3
Color Peak [nm]	447,76
Color Peak Value	40,97
Wavelength Domin. [nm]	578,5
Radiometric [W]	7,7043
Luminous Efficacy [lm/W]	104,2411
Power [W]	20,0539
Current [A]	0.8368
Voltage [V]	23.965
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.0

Rendering Indices	
Ra	98,3
Rf	95
Rg	102
R1	98,8
R2	99,4
R3	96,8
R4	96,8
R5	99,3
R6	97,8
R7	98,8
R8	99,1
R9	99,3
R10	98,6
R11	94,1
R12	86,0
R13	99,1
R14	98,0

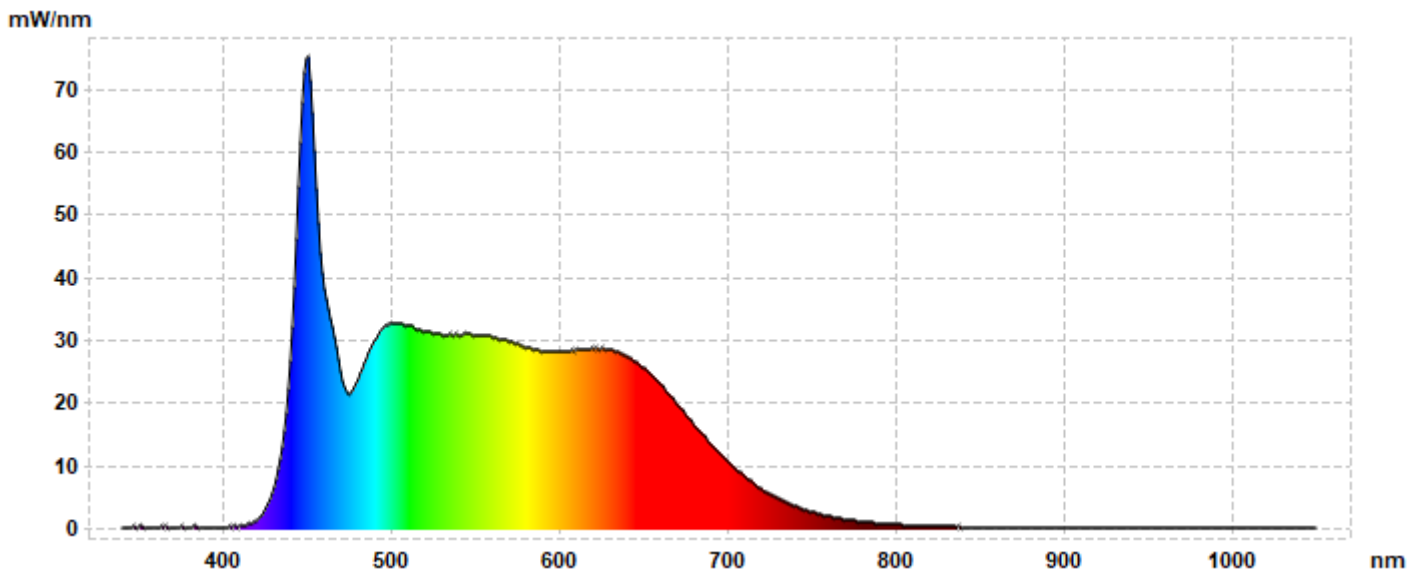
CIE 1931	
x	0,3797
y	0,3780
u'	0,2241
v'	0,5020
L	100,00
a	9,30
b	32,36
X	2099,83
Z	1340,32

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-95-CW - Sample:100119
 Measurement time: 2019-01-10 17:11:36
 Report time: 2019-09-09 17:09:59
 Signal Level: 69.919
 Device: GLX10t 1104N041
 Item No: FS-95-CW
 Made by: Günther Zlabinger
 Note:

Results

Important Values	
CCT [K]	6060
Light Flux [lm]	2174,93
Delta uv	0,0004
Ansi Bin	1D
Color Peak [nm]	449,75
Color Peak Value	75,47
Wavelength Domin. [nm]	490,0
Radiometric [W]	8,1253
Luminous Efficacy [lm/W]	106,9684
Power [W]	20,3324
Current [A]	0.8481
Voltage [V]	23.974
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.3

Rendering Indices	
Ra	98,0
Rf	93
Rg	101
R1	97,4
R2	98,9
R3	98,3
R4	99,2
R5	97,7
R6	95,3
R7	98,6
R8	98,4
R9	97,2
R10	98,3
R11	96,1
R12	77,3
R13	98,2
R14	99,1

CIE 1931	
x	0,3210
y	0,3317
u'	0,2026
v'	0,4710
L	100,00
a	3,01
b	2,57
X	2104,79
Z	2277,90

CIE 1931

