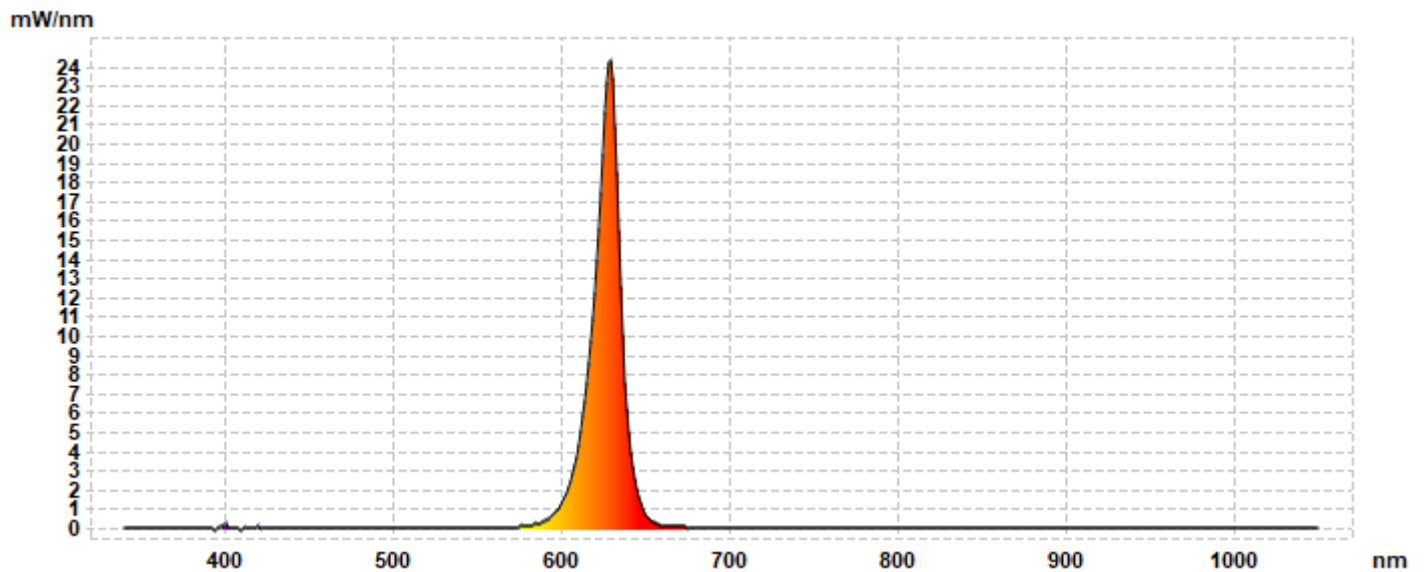


Measuring Report

Spectrum



Measurement name: *FS-80-RGBCLW - Chg:030519 - Red*
 Measurement time: *2019-05-06 08:59:36*
 Report time: *2019-09-10 09:19:10*
 Signal Level: *68.473*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBCLW - Red*
 Made by: *AUTLED GmbH*
 Note:

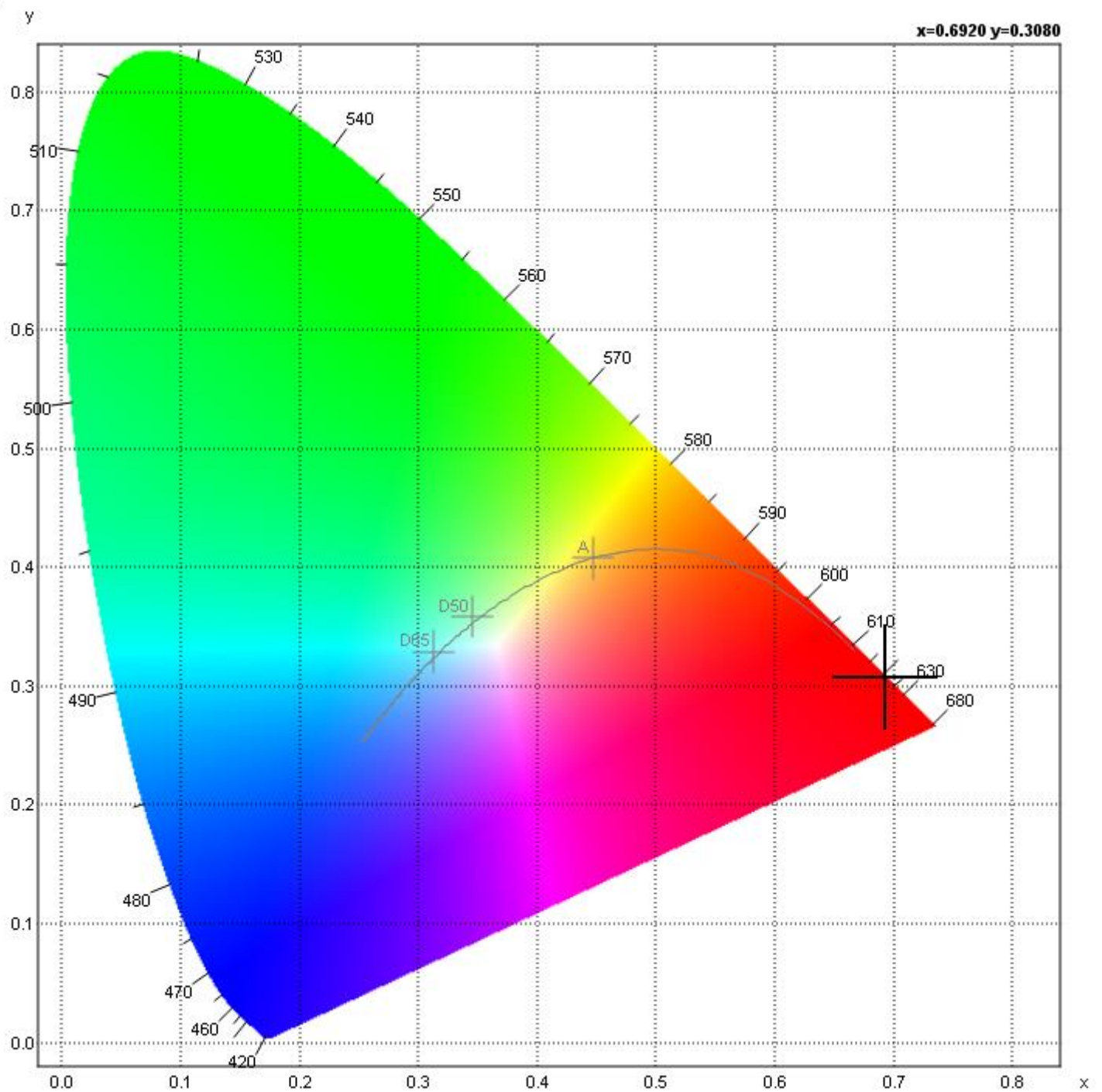
Results

Important Values	
CCT [K]	-
Light Flux [lm]	102,37
Delta uv	nan
Ansi Bin	
Color Peak [nm]	629,27
Color Peak Value	24,60
Wavelength Domin. [nm]	620,2
Radiometric [W]	0,4721
Luminous Efficacy [lm/W]	35,2689
Power [W]	2,90265
Current [A]	0.1211
Voltage [V]	23.969
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.1

Rendering Indices	
Ra	-100,0
Rf	3
Rg	-
R1	-100,0
R2	-100,0
R3	-100,0
R4	-100,0
R5	-100,0
R6	-100,0
R7	-100,0
R8	-100,0
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-100,0
R14	-45,9

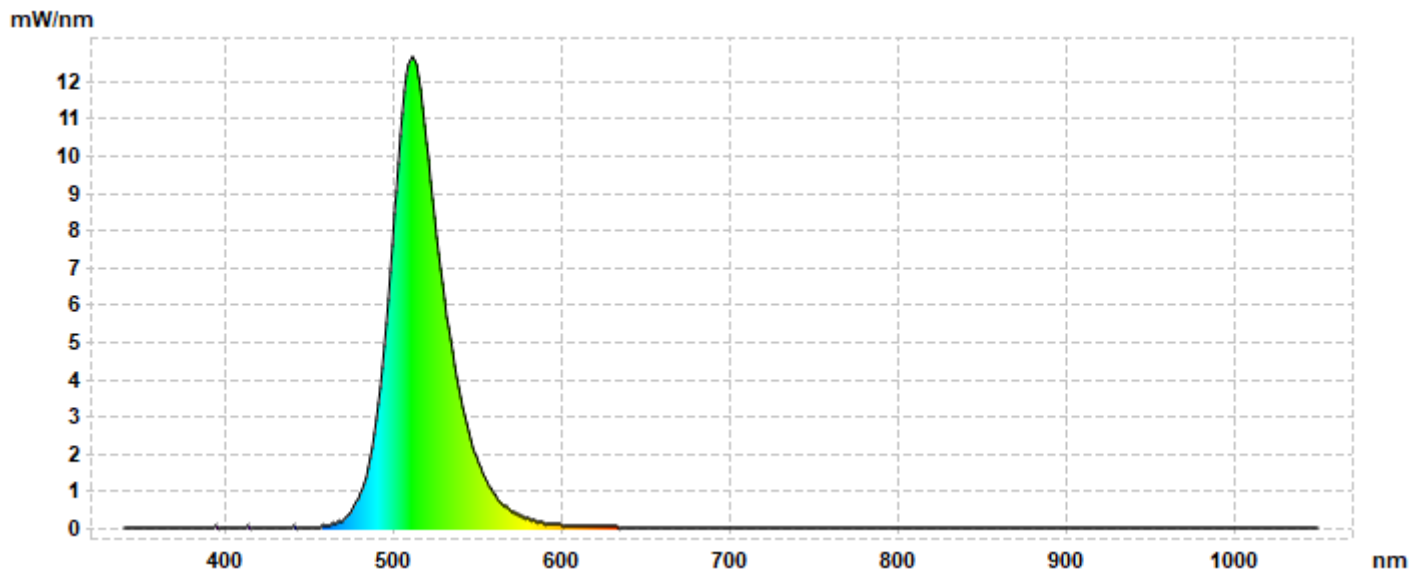
CIE 1931	
x	0,6920
y	0,3080
u'	0,5211
v'	0,5218
L	100,00
a	166,05
b	190,98
X	230,00
Z	0,01

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBCLW - Chg:030519 - Green*
 Measurement time: *2019-05-06 09:01:35*
 Report time: *2019-09-10 09:19:50*
 Signal Level: *71.761*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBCLW - Green*
 Made by: *AUTLED GmbH*
 Note:

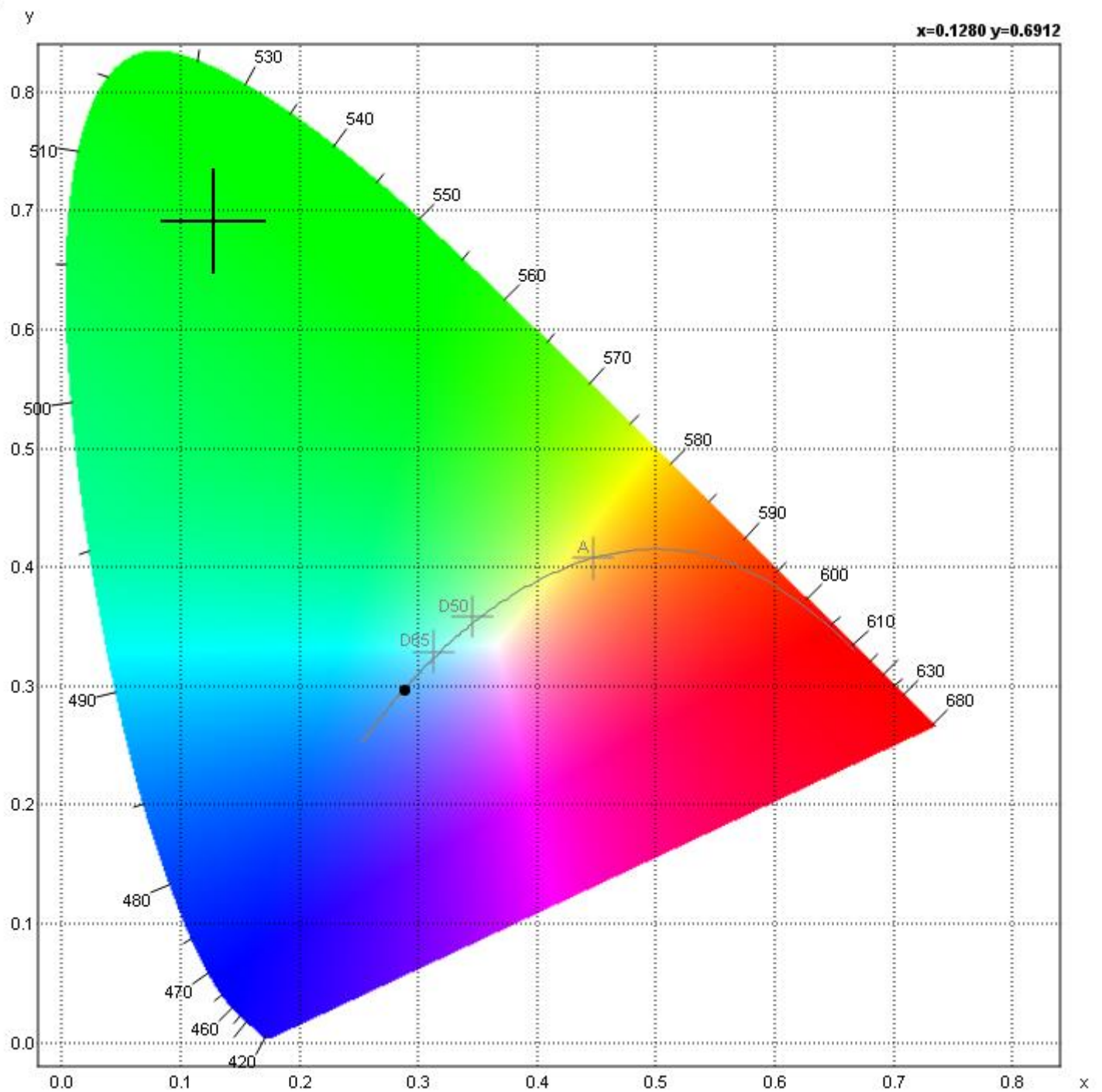
Results

Important Values	
CCT [K]	8804
Light Flux [lm]	200,38
Delta uv	0,1656
Ansi Bin	
Color Peak [nm]	511,58
Color Peak Value	12,73
Wavelength Domin. [nm]	516,9
Radiometric [W]	0,4842
Luminous Efficacy [lm/W]	68,9895
Power [W]	2,90444
Current [A]	0.1212
Voltage [V]	23.964
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.1

Rendering Indices	
Ra	-24,3
Rf	1
Rg	8
R1	-33,7
R2	-7,6
R3	-25,7
R4	-63,4
R5	-7,3
R6	-17,4
R7	-8,9
R8	-30,2
R9	-100,0
R10	-100,0
R11	-89,5
R12	-30,5
R13	-40,8
R14	37,3

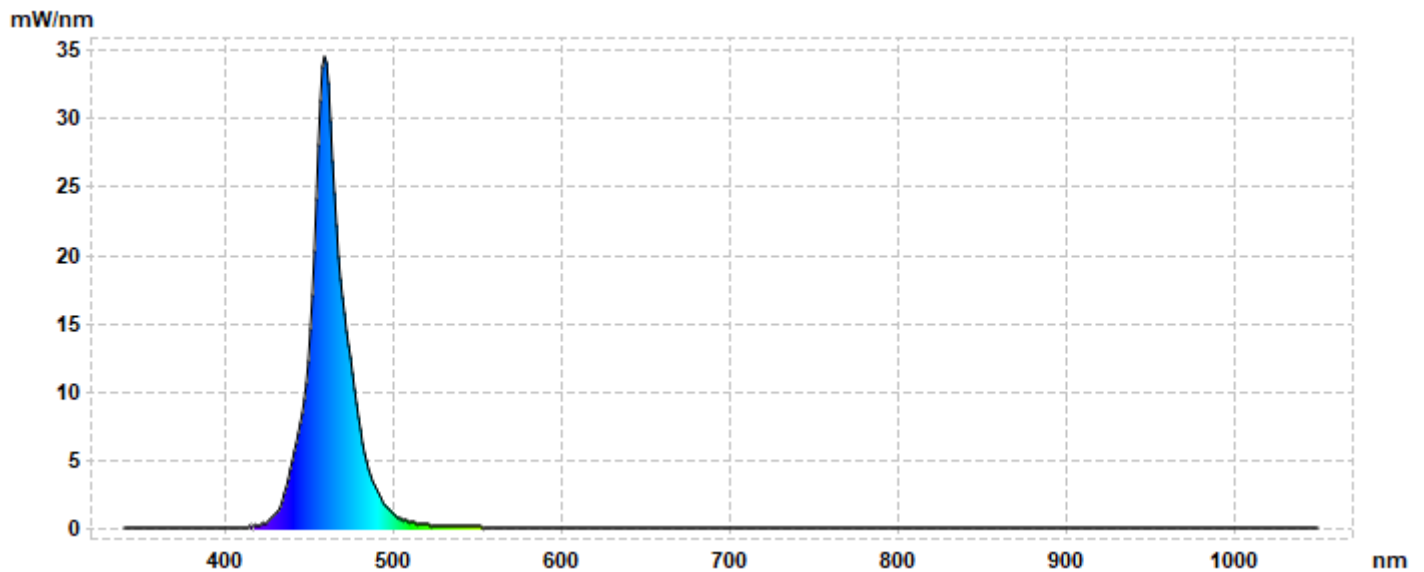
CIE 1931	
x	0,1280
y	0,6912
u'	0,0464
v'	0,5636
L	100,00
a	-210,12
b	75,68
X	37,11
Z	52,41

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBCLW - Chg:030519 - Blue*
 Measurement time: *2019-05-06 09:02:20*
 Report time: *2019-09-10 09:20:02*
 Signal Level: *67.651*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBCLW - Blue*
 Made by: *AUTLED GmbH*
 Note:

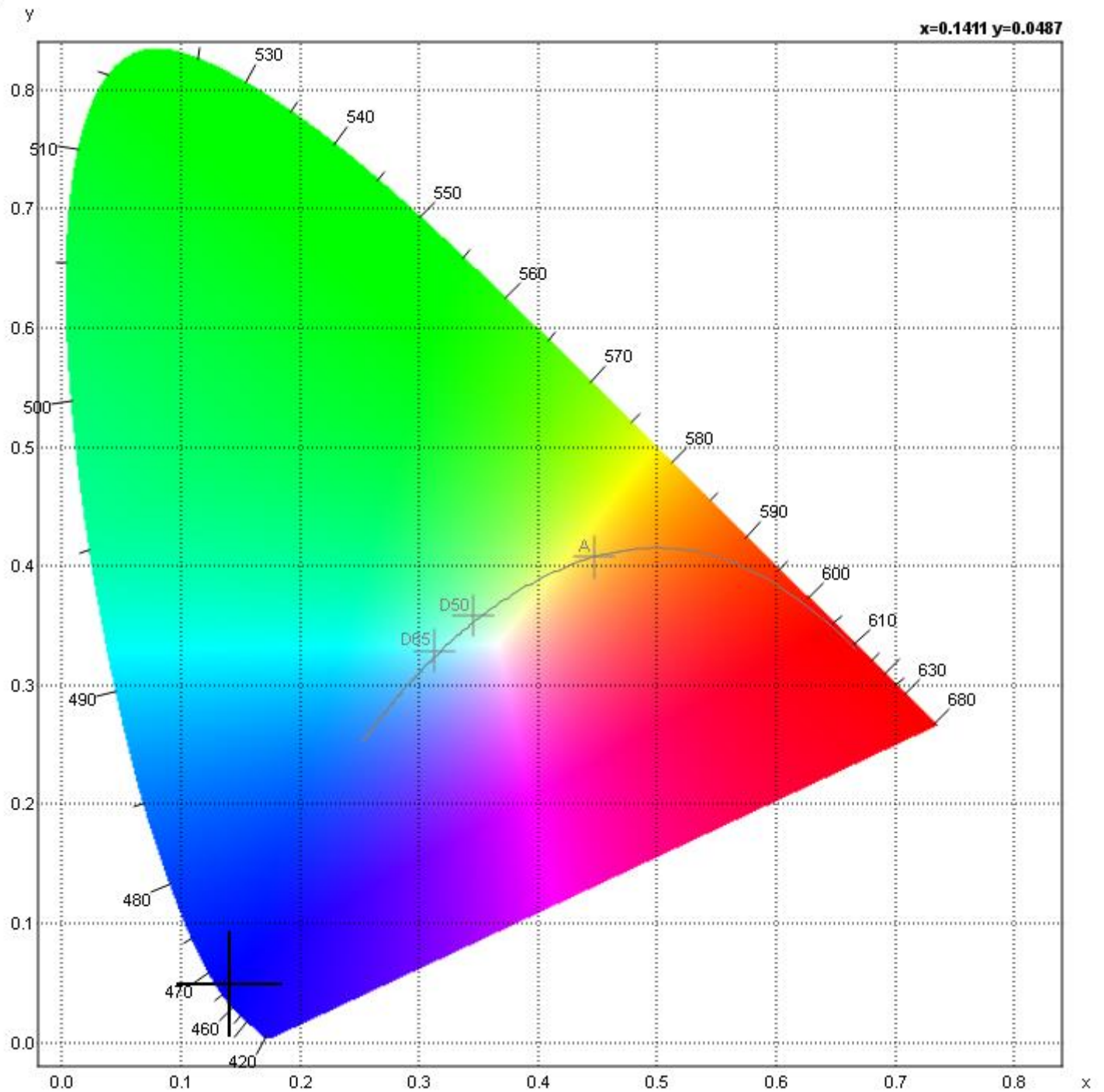
Results

Important Values	
CCT [K]	-
Light Flux [lm]	48,26
Delta uv	nan
Ansi Bin	
Color Peak [nm]	459,67
Color Peak Value	34,99
Wavelength Domin. [nm]	465,1
Radiometric [W]	0,8190
Luminous Efficacy [lm/W]	16,6698
Power [W]	2,89533
Current [A]	0.1208
Voltage [V]	23.968
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.1

Rendering Indices	
Ra	-53,2
Rf	0
Rg	50
R1	-49,9
R2	4,4
R3	-93,2
R4	-100,0
R5	-35,4
R6	-33,7
R7	-31,7
R8	-86,5
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-33,2
R14	-6,0

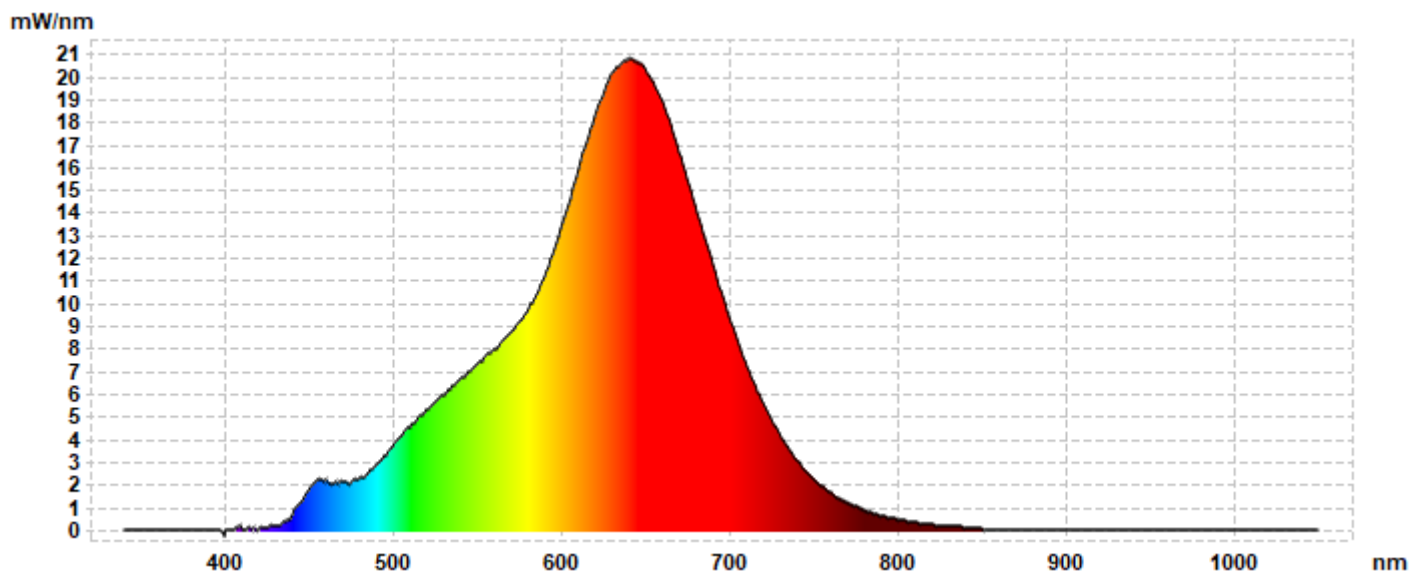
CIE 1931	
x	0,1411
y	0,0487
u'	0,1709
v'	0,1326
L	100,00
a	225,16
b	-296,43
X	139,94
Z	803,67

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBCLW - Chg:030519 - CLW*
 Measurement time: *2019-05-06 09:27:33*
 Report time: *2019-09-10 09:20:16*
 Signal Level: *68.687*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBCLW - CLW*
 Made by: *AUTLED GmbH*
 Note:

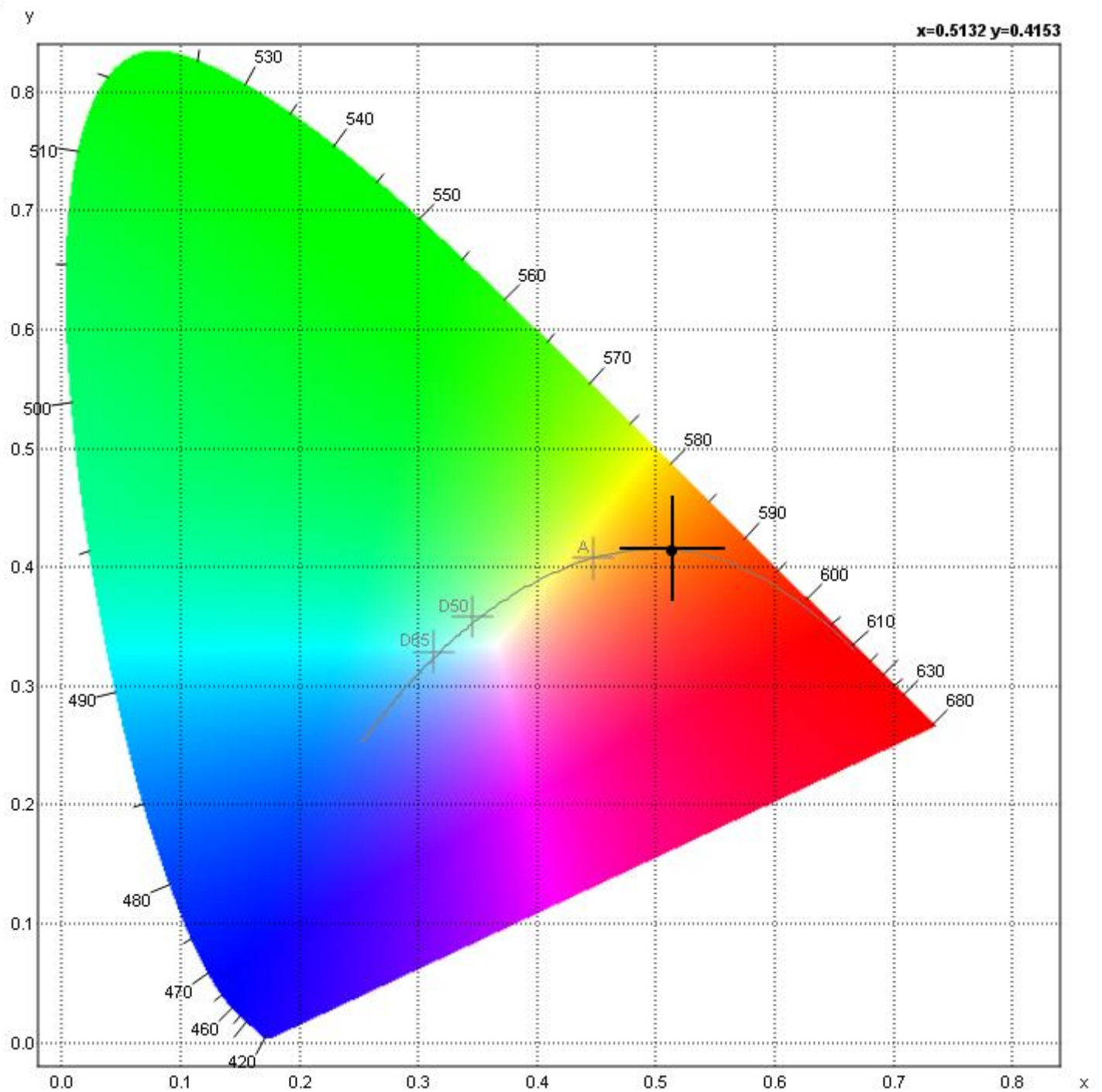
Results

Important Values	
CCT [K]	2129
Light Flux [lm]	658,68
Delta uv	0,0001
Ansi Bin	
Color Peak [nm]	642,12
Color Peak Value	20,86
Wavelength Domin. [nm]	587,8
Radiometric [W]	2,8976
Luminous Efficacy [lm/W]	74,9054
Power [W]	8,79349
Current [A]	0.3669
Voltage [V]	23.967
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	20.8

Rendering Indices	
Ra	95,5
Rf	93
Rg	99
R1	95,3
R2	96,7
R3	98,1
R4	93,6
R5	94,1
R6	91,5
R7	97,1
R8	97,7
R9	94,9
R10	94,6
R11	88,0
R12	86,4
R13	94,8
R14	97,3

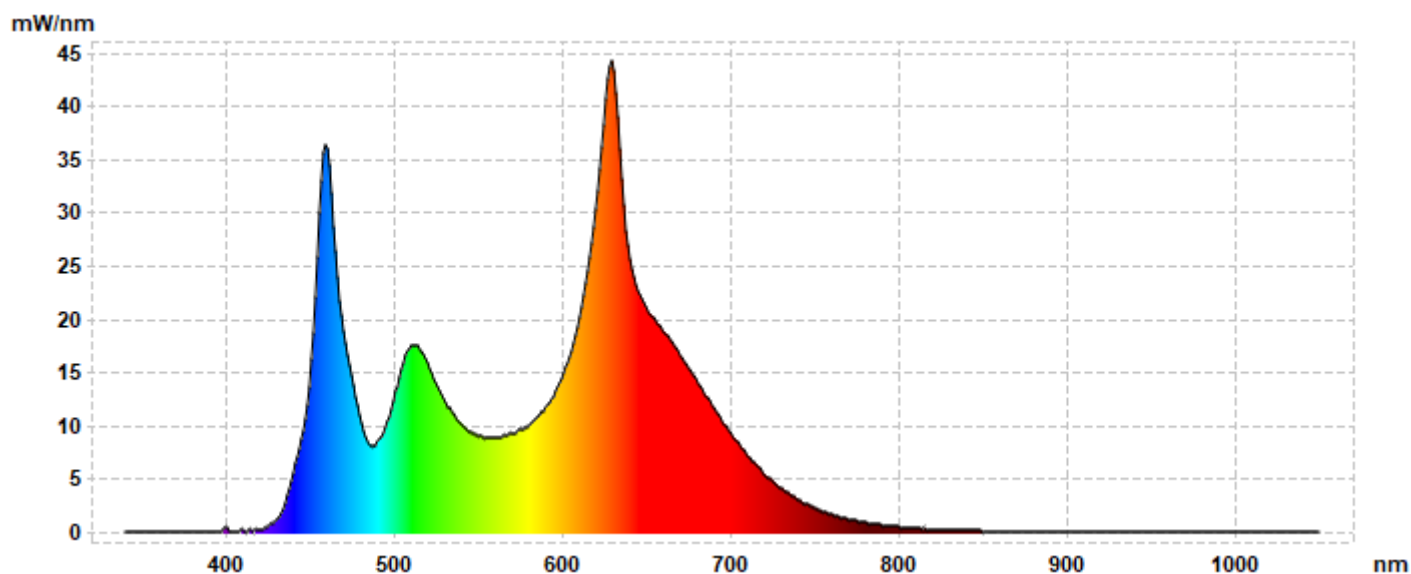
CIE 1931	
x	0,5132
y	0,4153
u'	0,2951
v'	0,5373
L	100,00
a	45,72
b	91,88
X	813,97
Z	113,31

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBCLW - Chg:030519 - 100%Mix*
 Measurement time: *2019-05-06 09:37:35*
 Report time: *2019-09-10 09:20:37*
 Signal Level: *70.463*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBCLW - 100%Mix*
 Made by: *AUTLED GmbH*
 Note:

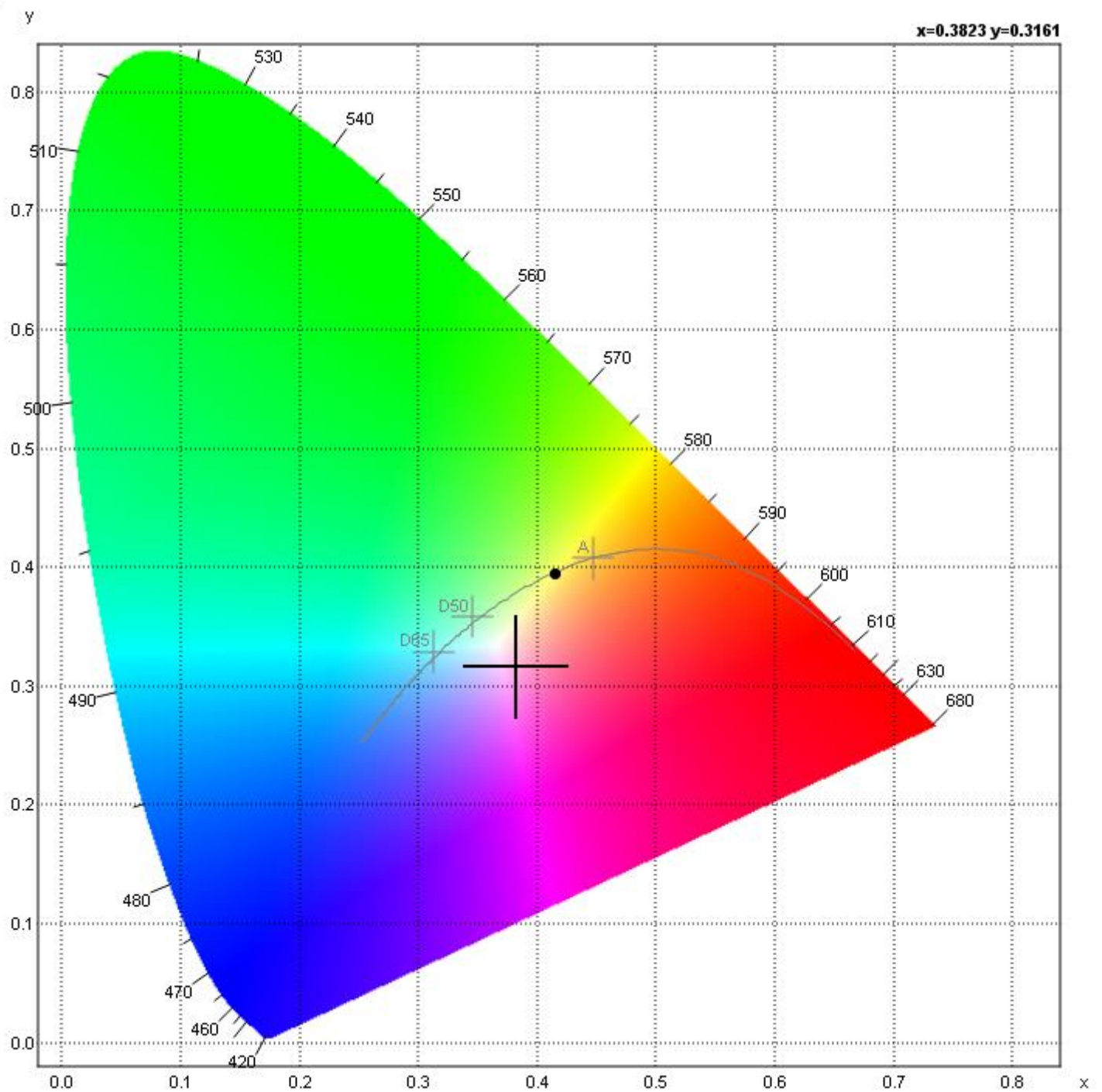
Results

Important Values	
CCT [K]	3342
Light Flux [lm]	1000,57
Delta uv	-0,0316
Ansi Bin	
Color Peak [nm]	629,27
Color Peak Value	44,53
Wavelength Domin. [nm]	699,0
Radiometric [W]	4,6301
Luminous Efficacy [lm/W]	58,0095
Power [W]	17,2483
Current [A]	0.7197
Voltage [V]	23.966
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	20.6

Rendering Indices	
Ra	53,1
Rf	71
Rg	113
R1	40,5
R2	56,4
R3	78,0
R4	48,7
R5	36,7
R6	34,2
R7	88,4
R8	41,6
R9	-42,3
R10	3,1
R11	27,9
R12	-1,2
R13	39,7
R14	90,0

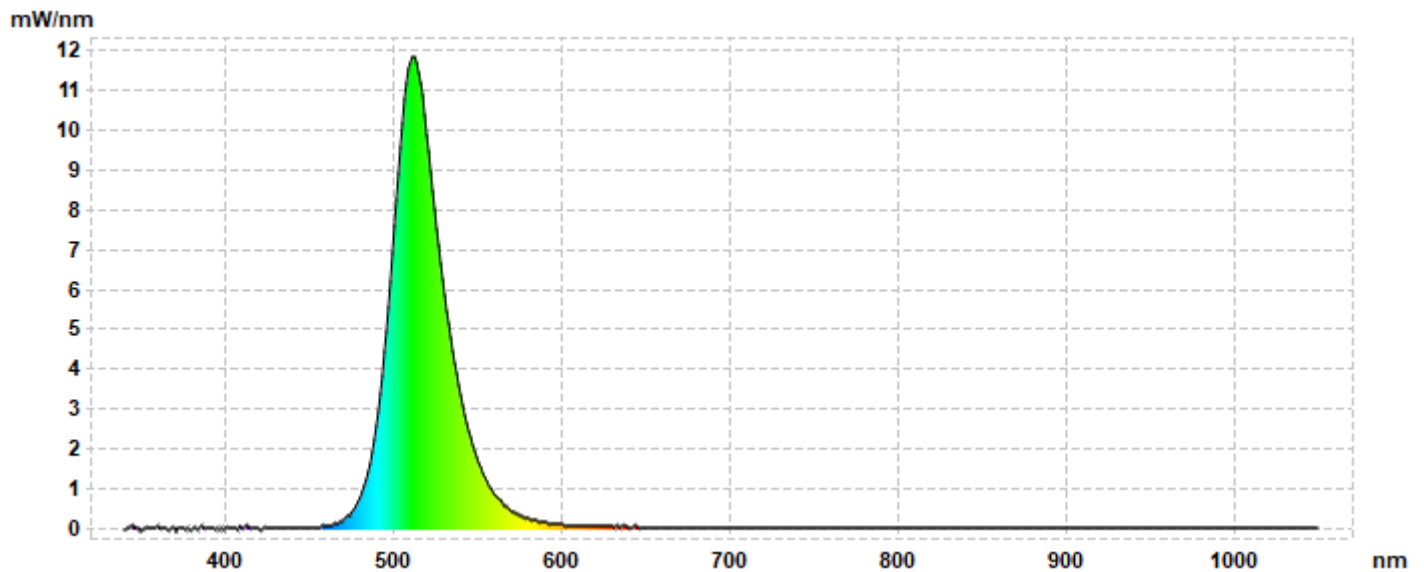
CIE 1931	
x	0,3823
y	0,3161
u'	0,2537
v'	0,4719
L	100,00
a	41,82
b	8,60
X	1210,13
Z	954,93

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBUWW - Chg:250319 - Green*
 Measurement time: *2019-03-26 16:47:56*
 Report time: *2019-09-10 09:26:18*
 Signal Level: *68.939*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBUWW - Green*
 Made by: *AUTLED GmbH*
 Note:

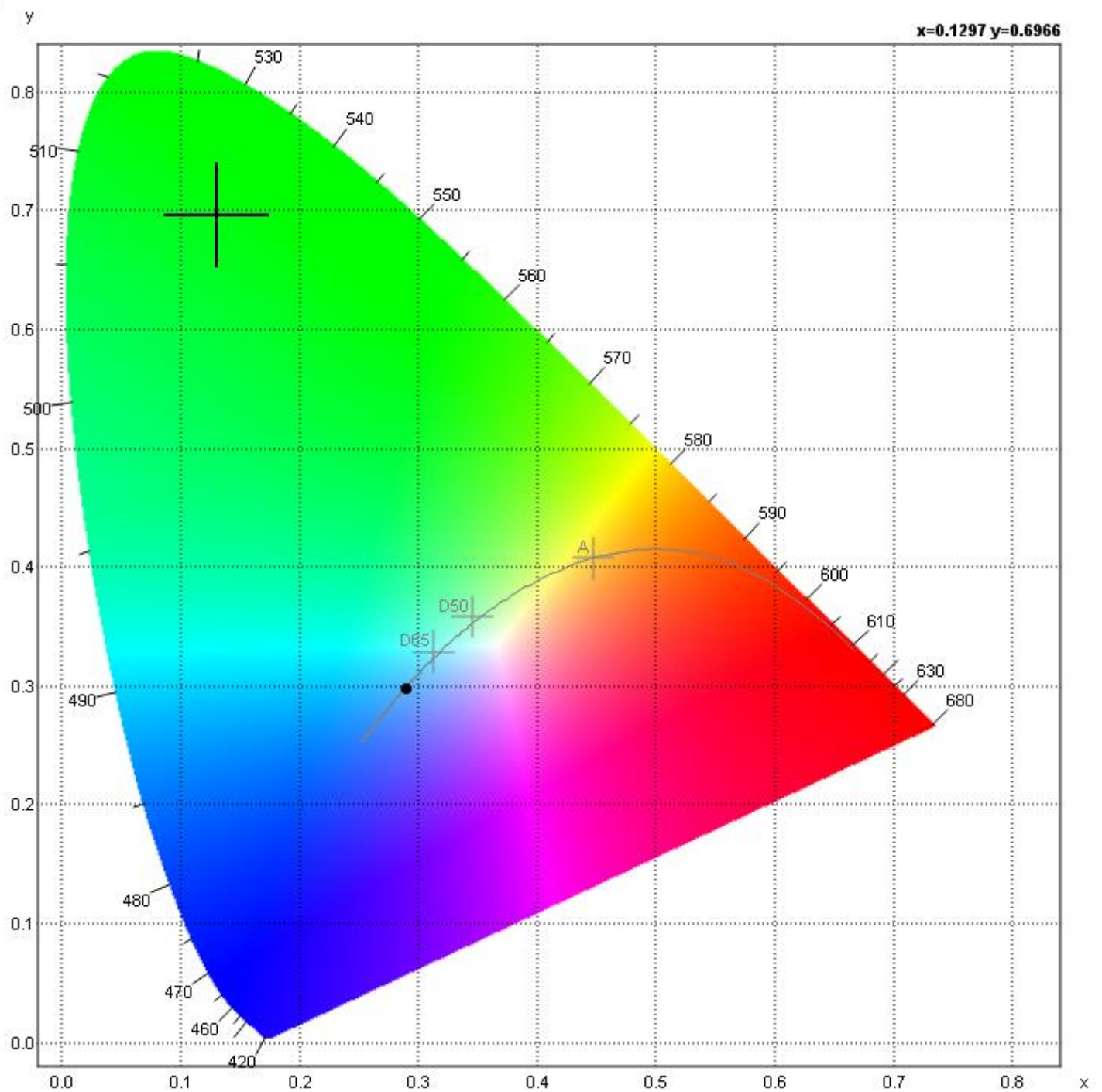
Results

Important Values	
CCT [K]	8740
Light Flux [lm]	188,57
Delta uv	0,1657
Ansi Bin	
Color Peak [nm]	511,58
Color Peak Value	11,84
Wavelength Domin. [nm]	517,6
Radiometric [W]	0,4490
Luminous Efficacy [lm/W]	66,6913
Power [W]	2,82752
Current [A]	0.118
Voltage [V]	23.962
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.3

Rendering Indices	
Ra	-25,3
Rf	1
Rg	8
R1	-33,6
R2	-8,6
R3	-27,7
R4	-64,9
R5	-7,3
R6	-18,1
R7	-11,1
R8	-31,3
R9	-100,0
R10	-100,0
R11	-91,1
R12	-31,1
R13	-40,9
R14	36,4

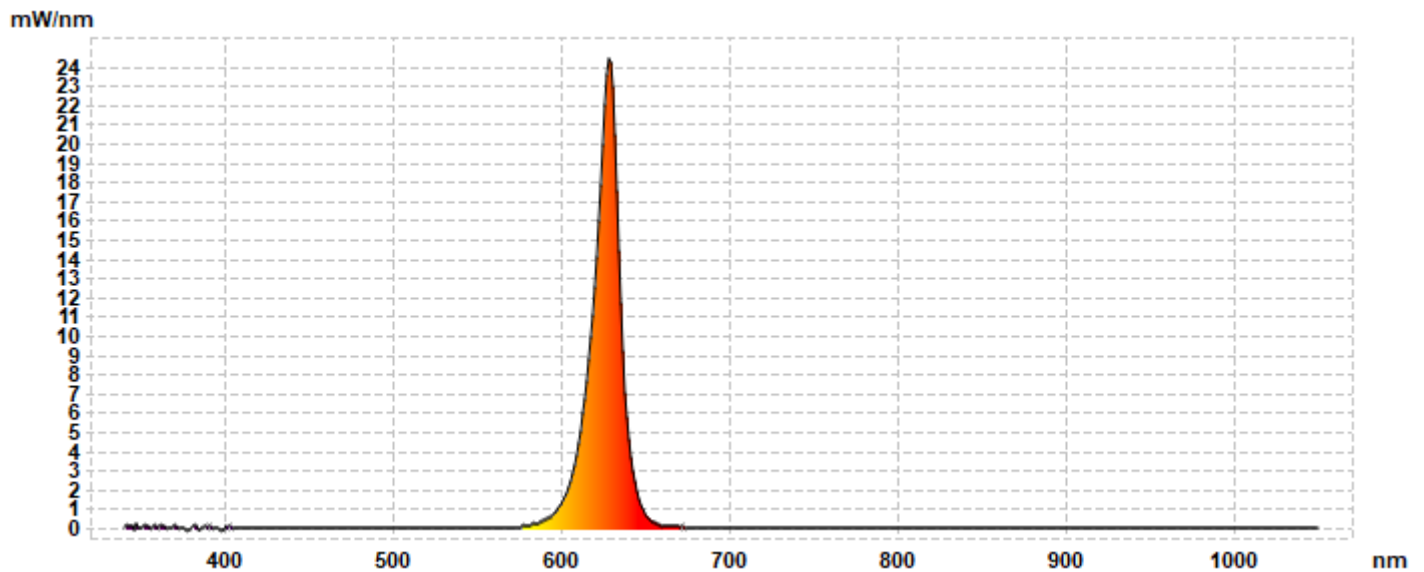
CIE 1931	
x	0,1297
y	0,6966
u'	0,0468
v'	0,5648
L	100,00
a	-209,59
b	77,64
X	35,12
Z	47,02

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBUWW - Chg:250319 - Red*
 Measurement time: *2019-03-26 16:47:00*
 Report time: *2019-09-10 09:25:53*
 Signal Level: *70.022*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBUWW - Red*
 Made by: *AUTLED GmbH*
 Note:

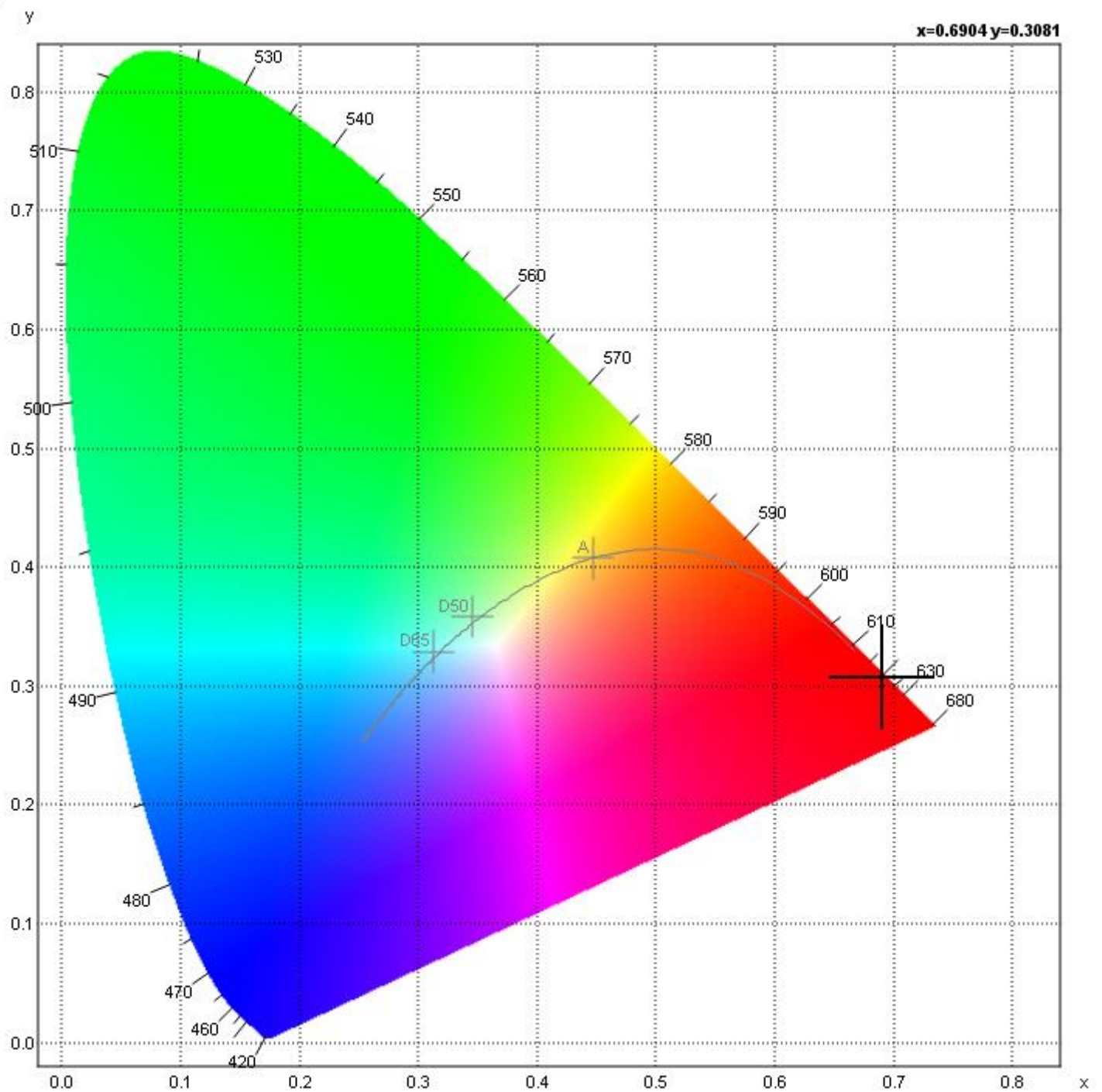
Results

Important Values	
CCT [K]	-
Light Flux [lm]	102,74
Delta uv	nan
Ansi Bin	
Color Peak [nm]	628,81
Color Peak Value	24,66
Wavelength Domin. [nm]	620,2
Radiometric [W]	0,4724
Luminous Efficacy [lm/W]	34,3755
Power [W]	2,98881
Current [A]	0.1247
Voltage [V]	23.968
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.3

Rendering Indices	
Ra	-19,1
Rf	5
Rg	-
R1	-74,0
R2	-1,3
R3	56,9
R4	-55,6
R5	-57,4
R6	-47,9
R7	45,8
R8	-19,2
R9	-100,0
R10	-78,4
R11	-100,0
R12	-74,3
R13	-72,6
R14	66,5

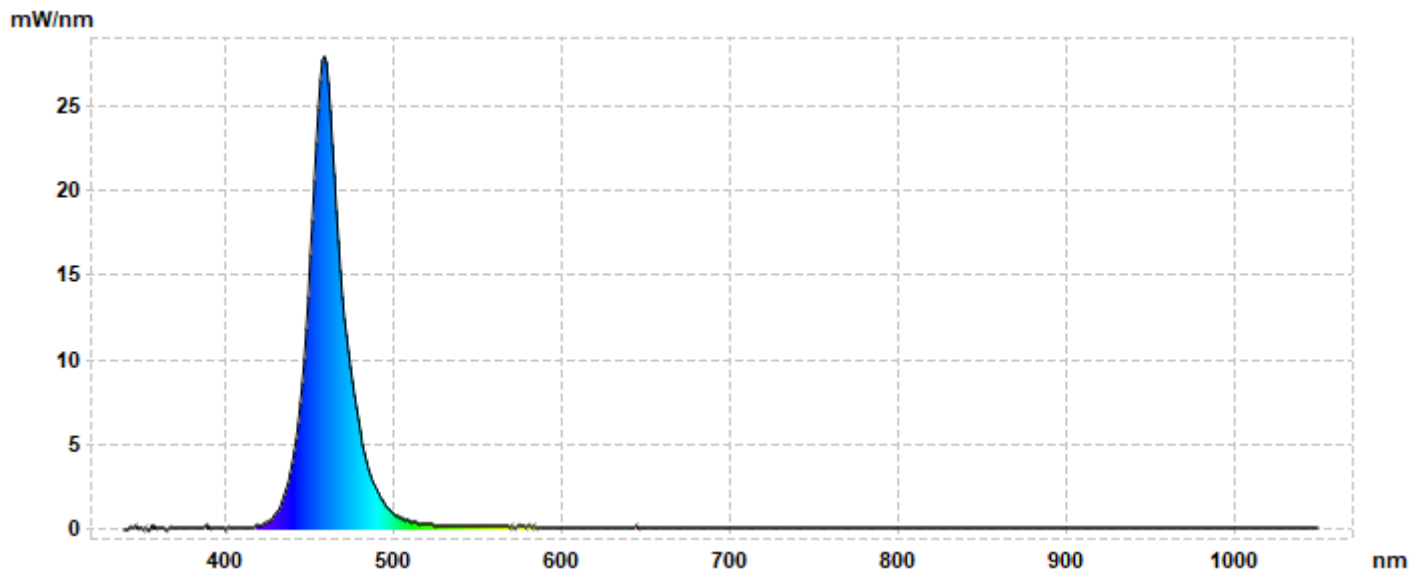
CIE 1931	
x	0,6904
y	0,3081
u'	0,5195
v'	0,5216
L	100,00
a	165,47
b	167,21
X	230,23
Z	0,49

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBUWW - Chg:250319 - Blue*
 Measurement time: *2019-03-26 16:48:16*
 Report time: *2019-09-10 09:26:50*
 Signal Level: *71.010*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBUWW - Blue*
 Made by: *AUTLED GmbH*
 Note:

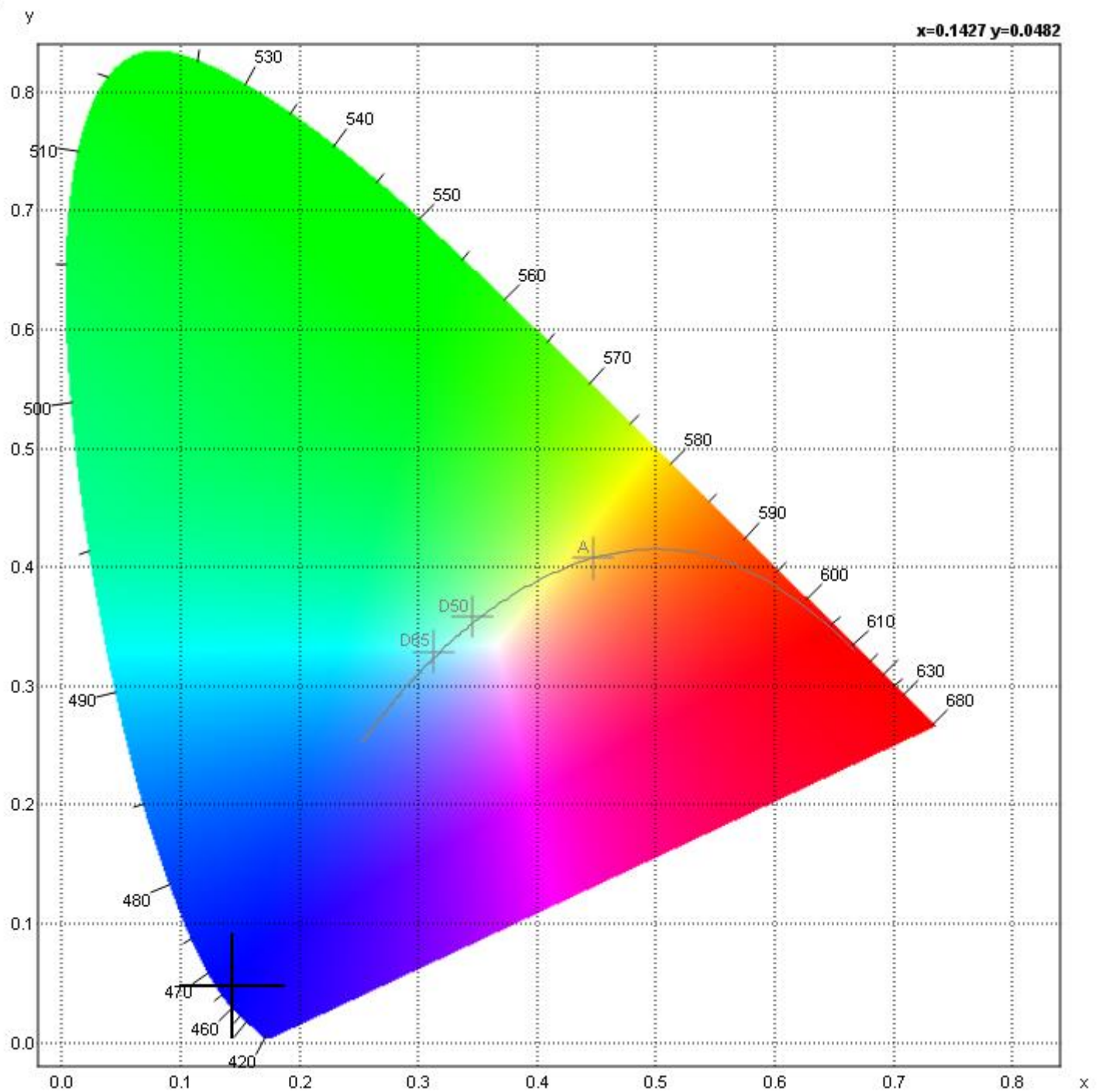
Results

Important Values	
CCT [K]	-
Light Flux [lm]	41,69
Delta uv	nan
Ansi Bin	
Color Peak [nm]	458,68
Color Peak Value	28,09
Wavelength Domin. [nm]	464,5
Radiometric [W]	0,7039
Luminous Efficacy [lm/W]	15,3443
Power [W]	2,71706
Current [A]	0.1134
Voltage [V]	23.96
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.3

Rendering Indices	
Ra	-52,1
Rf	1
Rg	60
R1	-43,4
R2	9,1
R3	-100,0
R4	-100,0
R5	-30,3
R6	-27,4
R7	-35,6
R8	-89,1
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-24,1
R14	-9,6

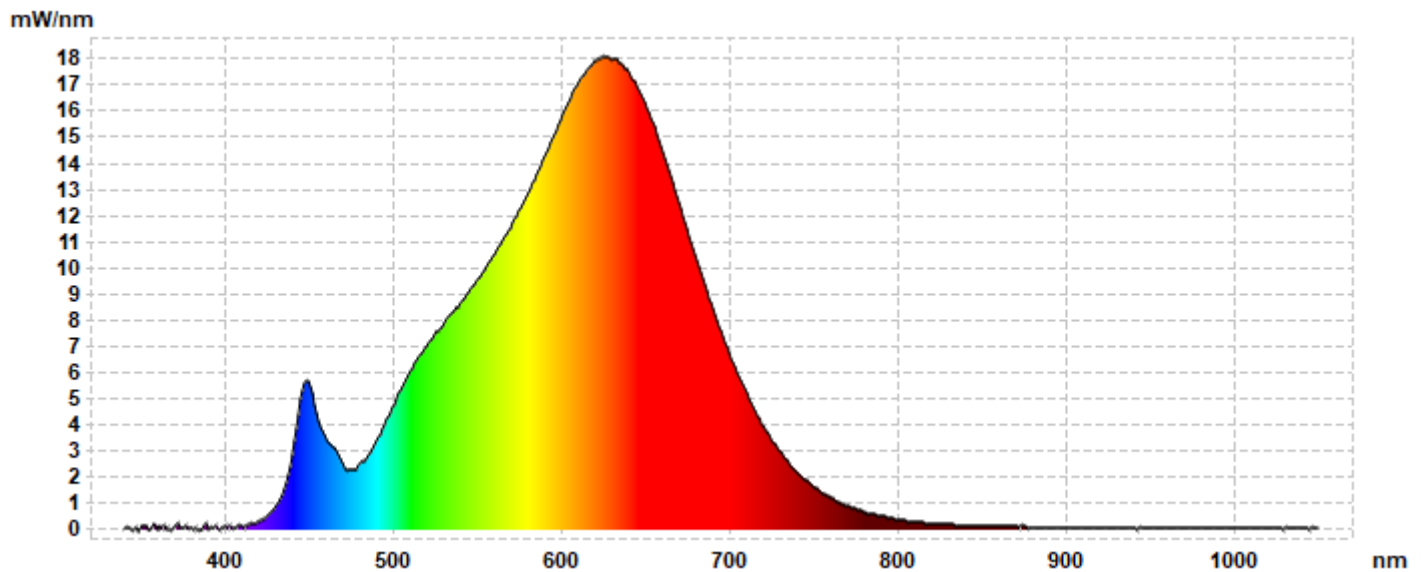
CIE 1931	
x	0,1427
y	0,0482
u'	0,1733
v'	0,1318
L	100,00
a	229,98
b	-297,59
X	123,31
Z	699,10

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBUWW - Chg:250319 - UWW*
 Measurement time: *2019-03-26 16:50:09*
 Report time: *2019-09-10 09:27:20*
 Signal Level: *69.614*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBUWW - UWW*
 Made by: *AUTLED GmbH*
 Note:

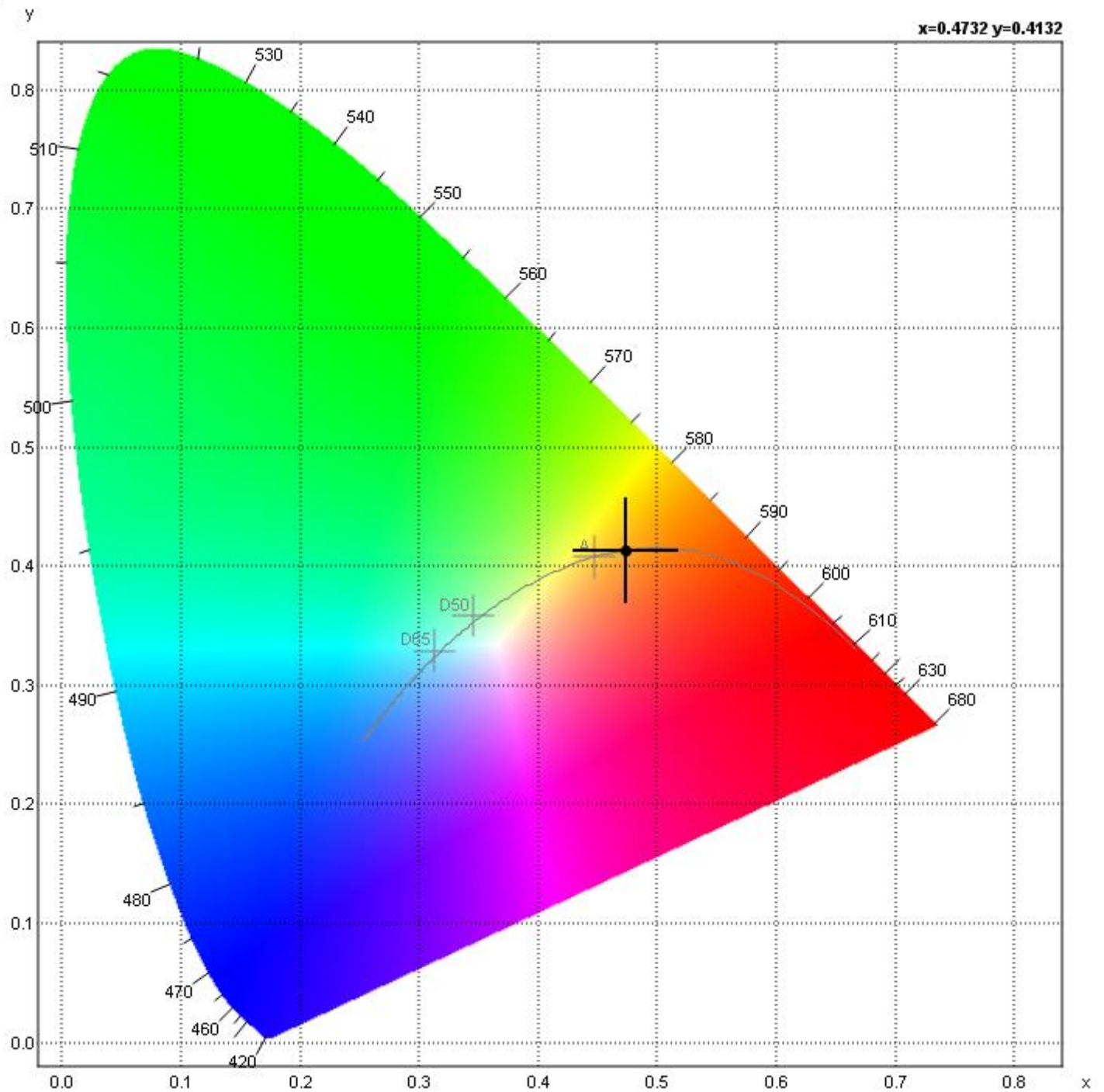
Results

Important Values	
CCT [K]	2543
Light Flux [lm]	784,10
Delta uv	-0,0000
Ansi Bin	
Color Peak [nm]	623,27
Color Peak Value	18,10
Wavelength Domin. [nm]	585,0
Radiometric [W]	2,8719
Luminous Efficacy [lm/W]	93,6384
Power [W]	8,37372
Current [A]	0.3494
Voltage [V]	23.966
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.3

Rendering Indices	
Ra	92,4
Rf	91
Rg	101
R1	92,4
R2	95,6
R3	97,5
R4	92,8
R5	92,1
R6	95,3
R7	91,9
R8	81,3
R9	59,3
R10	89,1
R11	94,0
R12	84,9
R13	93,1
R14	97,7

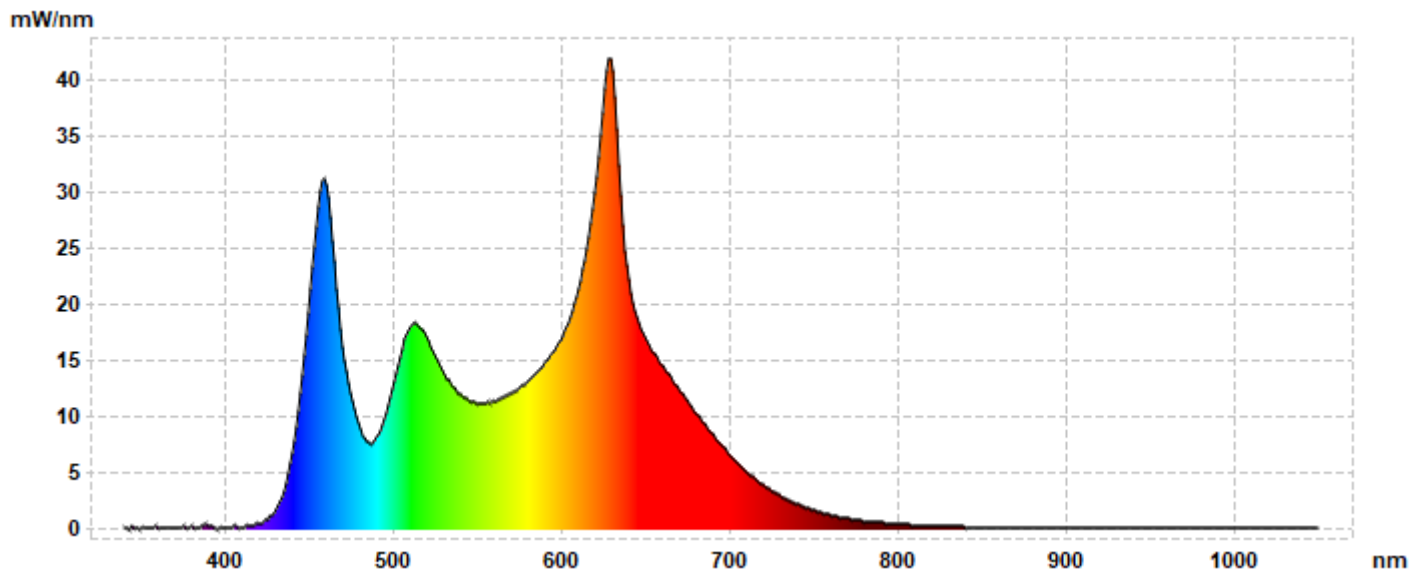
CIE 1931	
x	0,4732
y	0,4132
u'	0,2699
v'	0,5303
L	100,00
a	32,06
b	73,59
X	898,00
Z	215,59

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBUWW - Chg:250319 - 100%Mix*
 Measurement time: *2019-03-26 16:59:37*
 Report time: *2019-09-10 09:27:49*
 Signal Level: *70.205*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBUWW - 100%Mix*
 Made by: *AUTLED GmbH*
 Note:

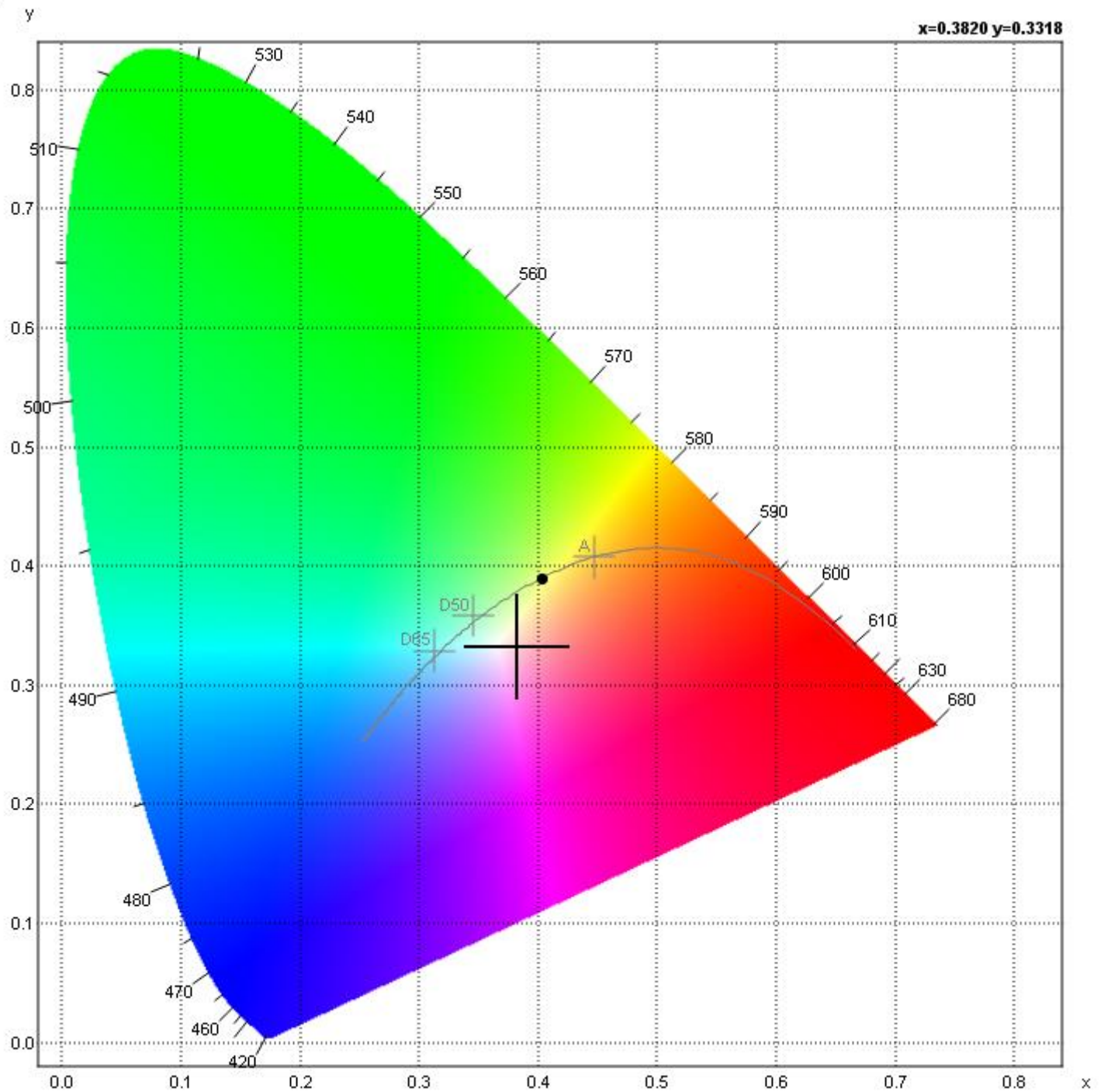
Results

Important Values	
CCT [K]	3541
Light Flux [lm]	1102,37
Delta uv	-0,0230
Ansi Bin	
Color Peak [nm]	629,27
Color Peak Value	42,07
Wavelength Domin. [nm]	613,9
Radiometric [W]	4,4459
Luminous Efficacy [lm/W]	66,0987
Power [W]	16,6776
Current [A]	0.6958
Voltage [V]	23.969
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.4

Rendering Indices	
Ra	70,2
Rf	81
Rg	110
R1	60,8
R2	72,4
R3	87,4
R4	65,9
R5	59,6
R6	57,1
R7	93,0
R8	65,1
R9	11,2
R10	39,5
R11	50,2
R12	39,8
R13	60,8
R14	94,3

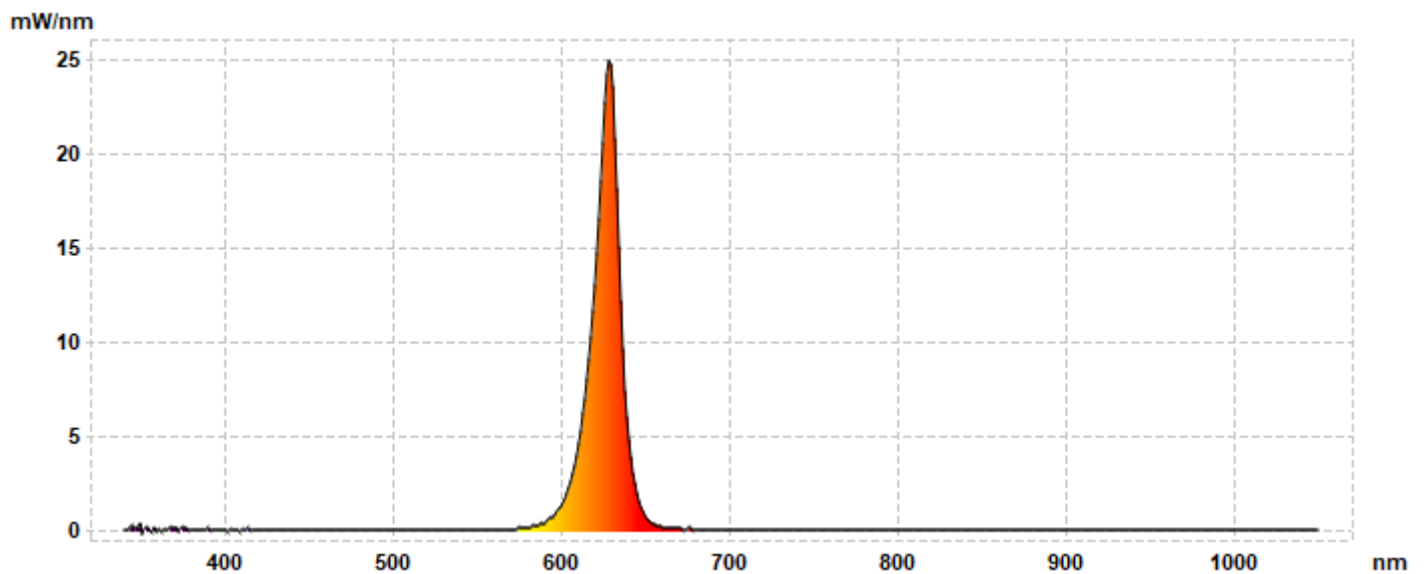
CIE 1931	
x	0,3820
y	0,3318
u'	0,2457
v'	0,4803
L	100,00
a	32,99
b	14,93
X	1269,13
Z	951,06

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBWW Chg:170619 - Red*
 Measurement time: *2019-06-18 15:06:31*
 Report time: *2019-09-10 09:29:56*
 Signal Level: *68.544*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBWW - Red*
 Made by: *AUTLED GmbH*
 Note:

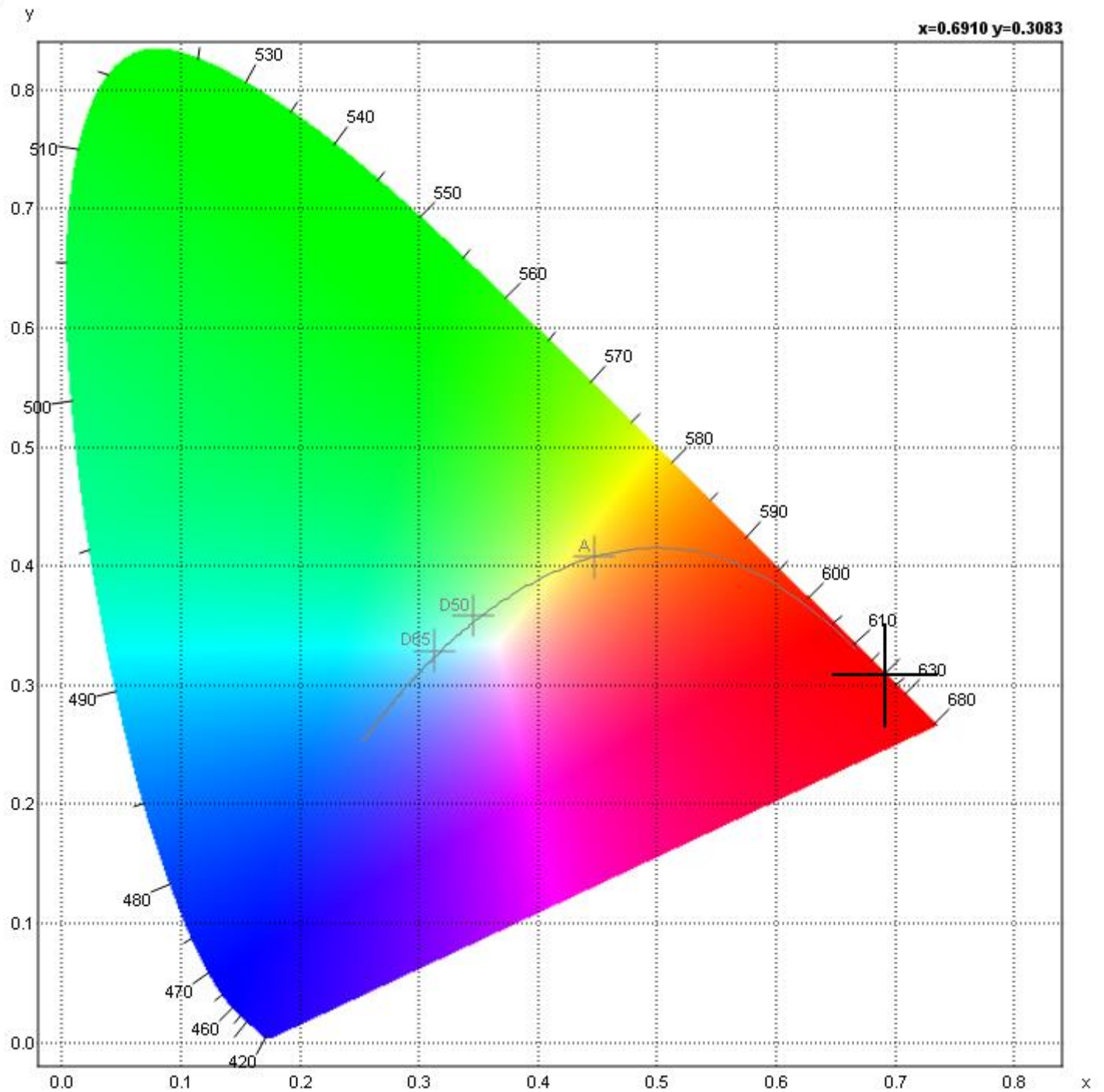
Results

Important Values	
CCT [K]	-
Light Flux [lm]	106,21
Delta uv	nan
Ansi Bin	
Color Peak [nm]	628,81
Color Peak Value	25,14
Wavelength Domin. [nm]	620,1
Radiometric [W]	0,4867
Luminous Efficacy [lm/W]	36,5183
Power [W]	2,90838
Current [A]	0.1214
Voltage [V]	23.957
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	-22,4
Rf	5
Rg	-
R1	-74,5
R2	0,8
R3	54,5
R4	-61,2
R5	-61,4
R6	-48,5
R7	37,4
R8	-26,2
R9	-100,0
R10	-75,0
R11	-100,0
R12	-78,8
R13	-70,5
R14	63,1

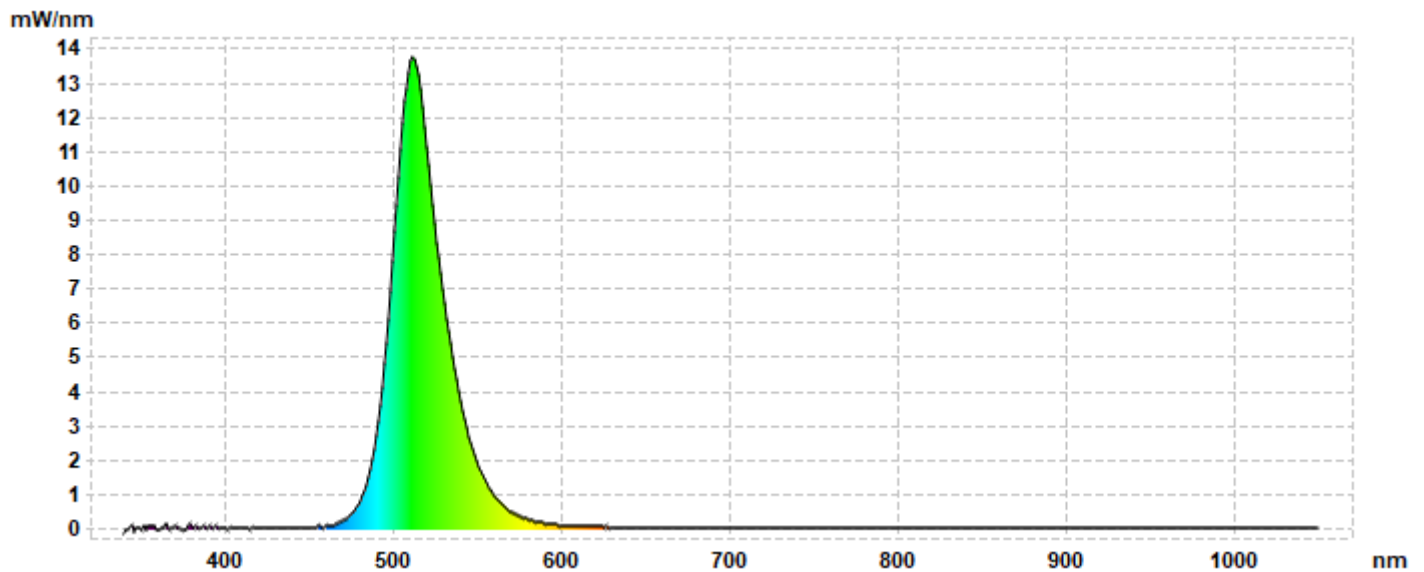
CIE 1931	
x	0,6910
y	0,3083
u'	0,5198
v'	0,5218
L	100,00
a	165,54
b	173,40
X	238,07
Z	0,27

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBWW Chg:170619 - Green*
 Measurement time: *2019-06-18 15:07:57*
 Report time: *2019-09-10 09:30:17*
 Signal Level: *70.071*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBWW - Green*
 Made by: *AUTLED GmbH*
 Note:

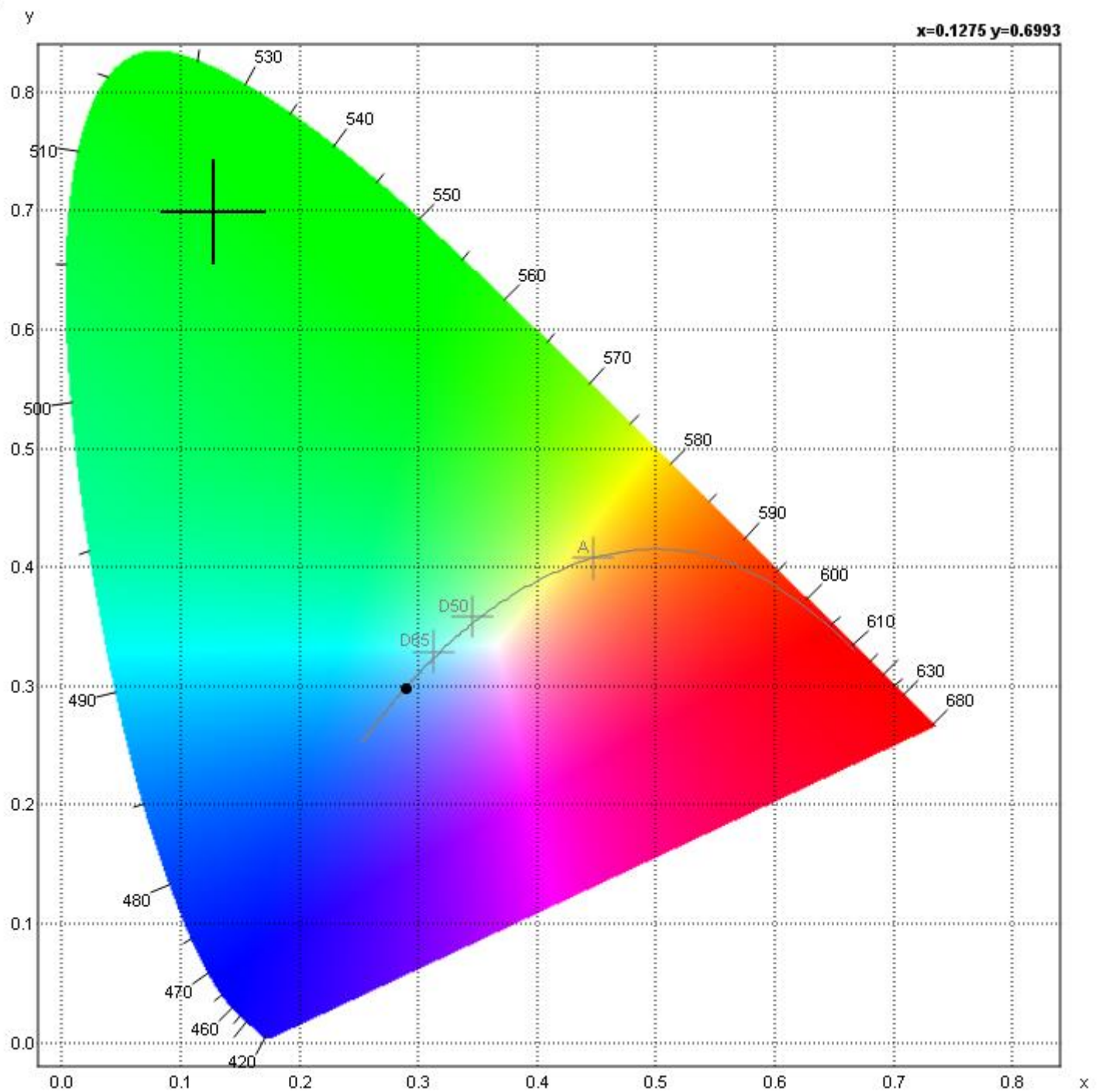
Results

Important Values	
CCT [K]	8742
Light Flux [lm]	212,22
Delta uv	0,1667
Ansi Bin	
Color Peak [nm]	511,58
Color Peak Value	13,86
Wavelength Domin. [nm]	517,5
Radiometric [W]	0,5068
Luminous Efficacy [lm/W]	73,2989
Power [W]	2,89521
Current [A]	0.1208
Voltage [V]	23.967
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	-26,1
Rf	1
Rg	7
R1	-34,3
R2	-9,6
R3	-29,2
R4	-65,4
R5	-7,8
R6	-19,3
R7	-11,5
R8	-31,7
R9	-100,0
R10	-100,0
R11	-92,1
R12	-33,3
R13	-41,7
R14	35,6

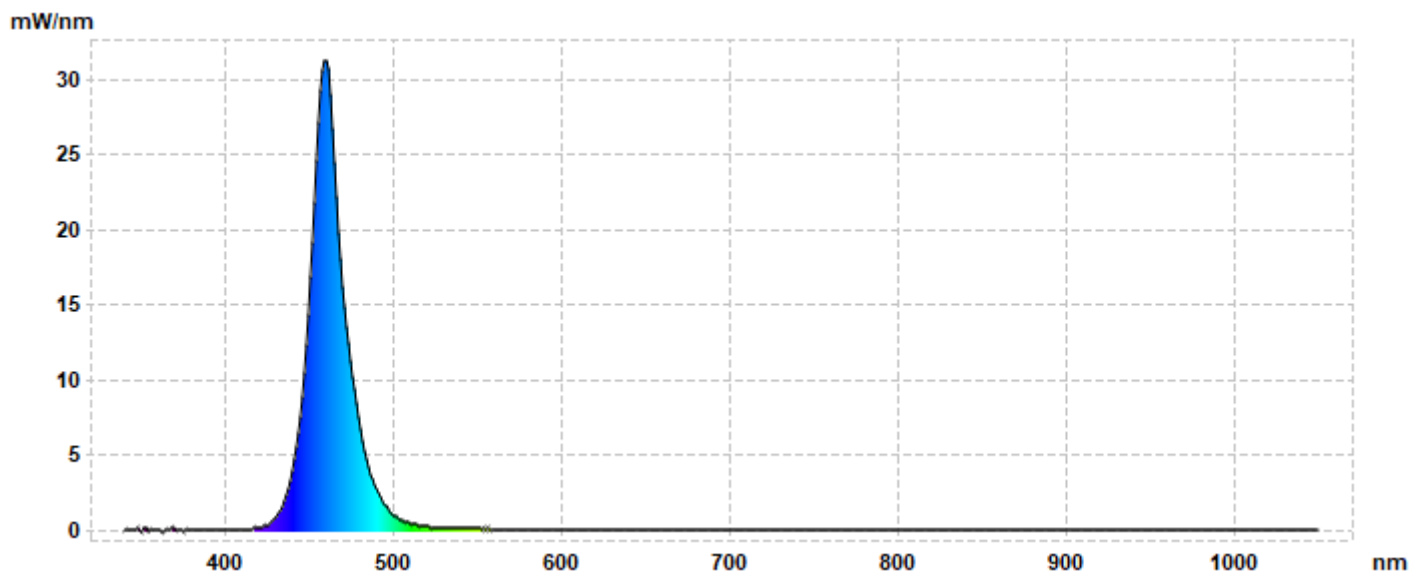
CIE 1931	
x	0,1275
y	0,6993
u'	0,0458
v'	0,5651
L	100,00
a	-211,62
b	77,91
X	38,70
Z	52,56

CIE 1931



Measuring Report

Spectrum



Measurement name: FS-80-RGBWW Chg:170619 - Blue
 Measurement time: 2019-06-18 15:08:17
 Report time: 2019-09-10 09:30:45
 Signal Level: 70.375
 Device: GLX10t 1104N041
 Item No: FS-80-RGBWW - Blue
 Made by: AUTLED GmbH
 Note:

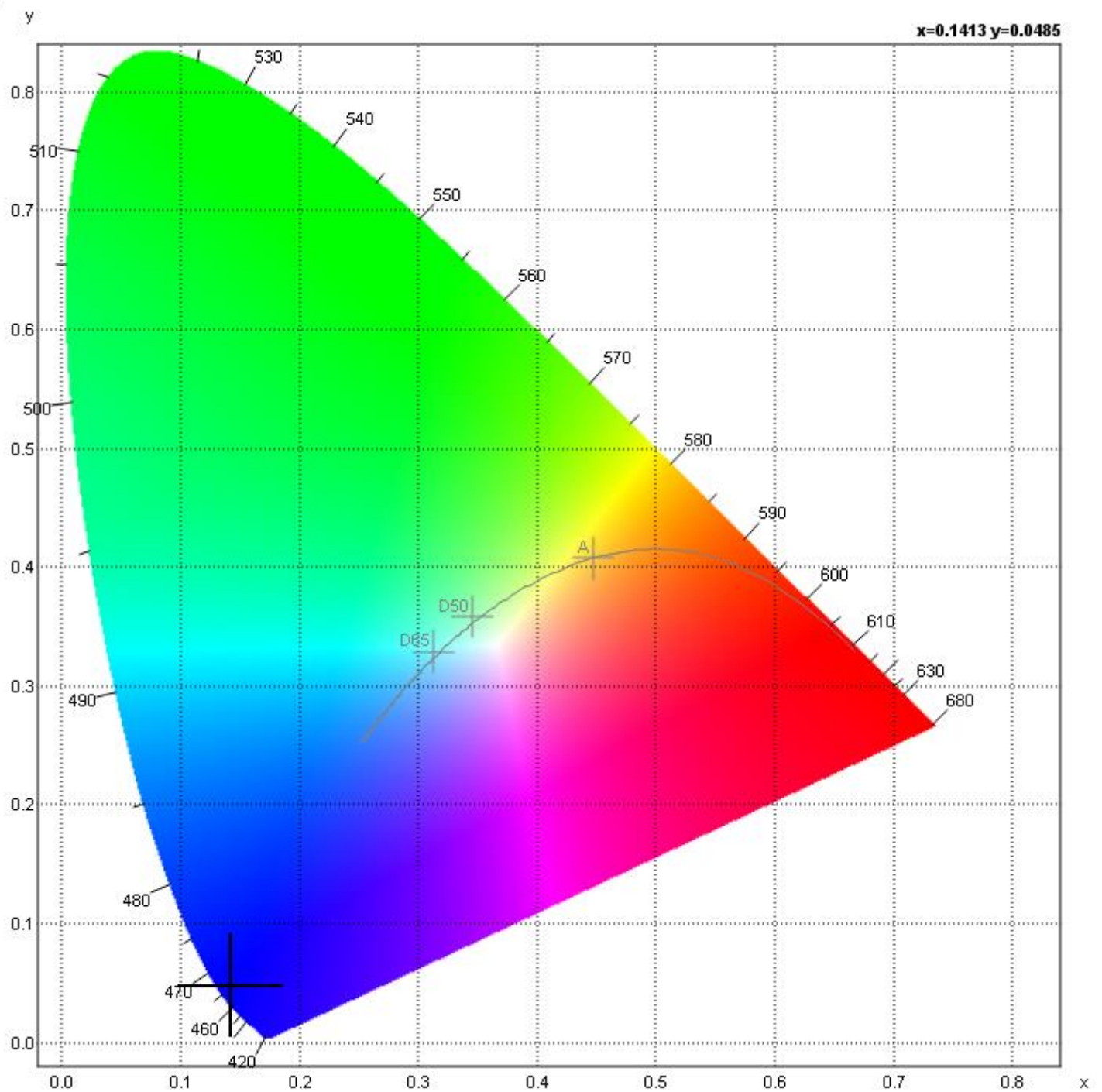
Results

Important Values	
CCT [K]	-
Light Flux [lm]	46,61
Delta uv	nan
Ansi Bin	
Color Peak [nm]	459,67
Color Peak Value	31,70
Wavelength Domin. [nm]	465,0
Radiometric [W]	0,7905
Luminous Efficacy [lm/W]	16,2184
Power [W]	2,874
Current [A]	0.1199
Voltage [V]	23.97
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	-53,2
Rf	0
Rg	51
R1	-49,4
R2	5,1
R3	-94,2
R4	-100,0
R5	-35,0
R6	-32,9
R7	-32,3
R8	-87,1
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-32,3
R14	-6,5

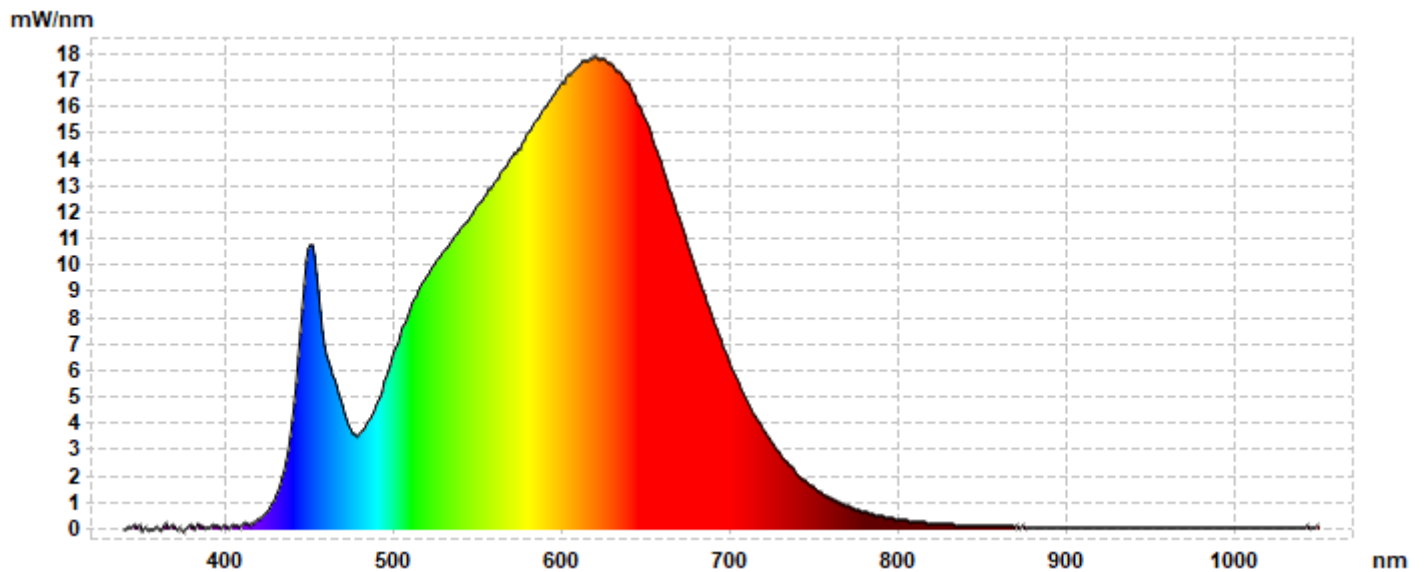
CIE 1931	
x	0,1413
y	0,0485
u'	0,1714
v'	0,1322
L	100,00
a	226,61
b	-297,11
X	135,96
Z	779,34

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBWW Chg:170619 - WW*
 Measurement time: *2019-06-18 15:12:37*
 Report time: *2019-09-10 09:31:31*
 Signal Level: *68.814*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBWW - WW*
 Made by: *AUTLED GmbH*
 Note:

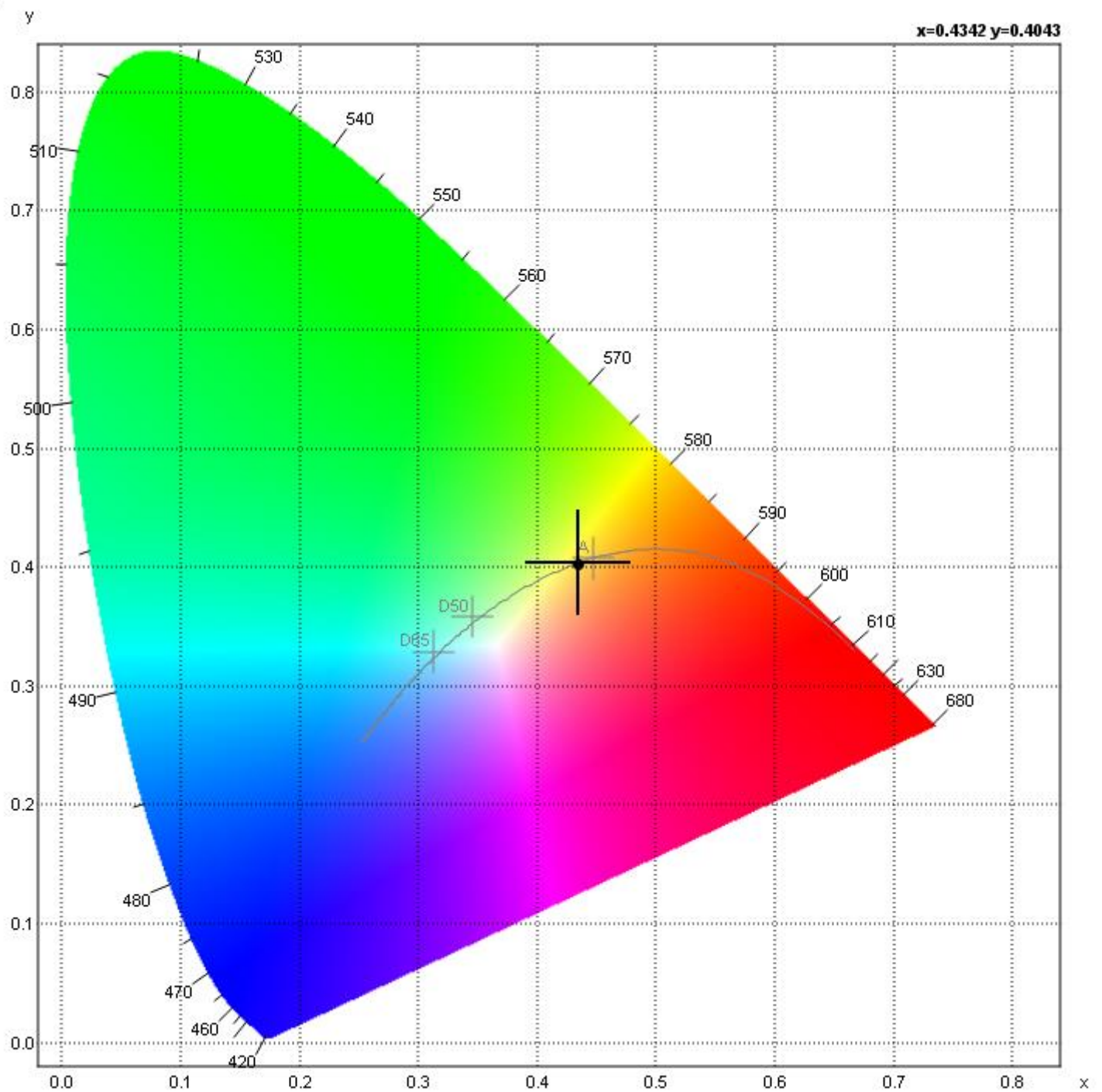
Results

Important Values	
CCT [K]	3048
Light Flux [lm]	925,37
Delta uv	0,0004
Ansi Bin	7B4
Color Peak [nm]	619,58
Color Peak Value	17,98
Wavelength Domin. [nm]	582,4
Radiometric [W]	3,2150
Luminous Efficacy [lm/W]	105,1369
Power [W]	8,80161
Current [A]	0.3673
Voltage [V]	23.963
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	91,0
Rf	89
Rg	100
R1	90,9
R2	94,0
R3	95,7
R4	91,2
R5	90,1
R6	91,7
R7	92,8
R8	81,9
R9	57,3
R10	85,0
R11	91,1
R12	74,6
R13	91,5
R14	97,0

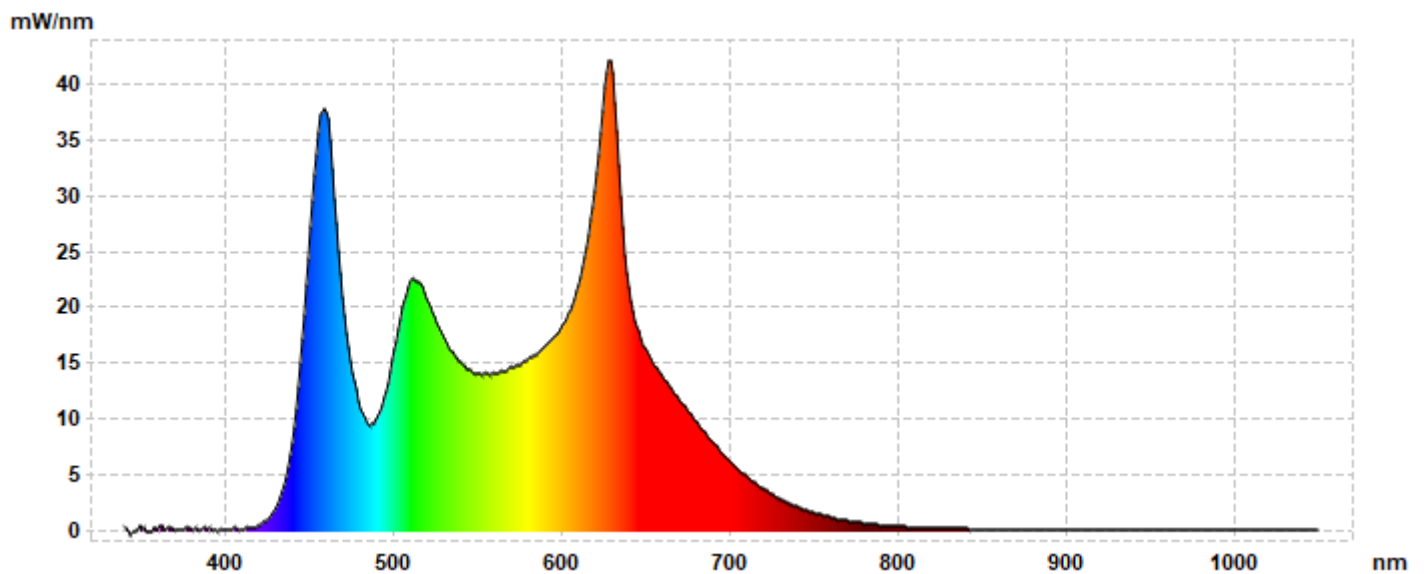
CIE 1931	
x	0,4342
y	0,4043
u'	0,2487
v'	0,5211
L	100,00
a	20,78
b	56,83
X	993,81
Z	369,57

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBWW Chg:170619 - 100%Mix*
 Measurement time: *2019-06-18 15:25:58*
 Report time: *2019-09-10 09:31:51*
 Signal Level: *70.660*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBWW - 100%Mix*
 Made by: *AUTLED GmbH*
 Note:

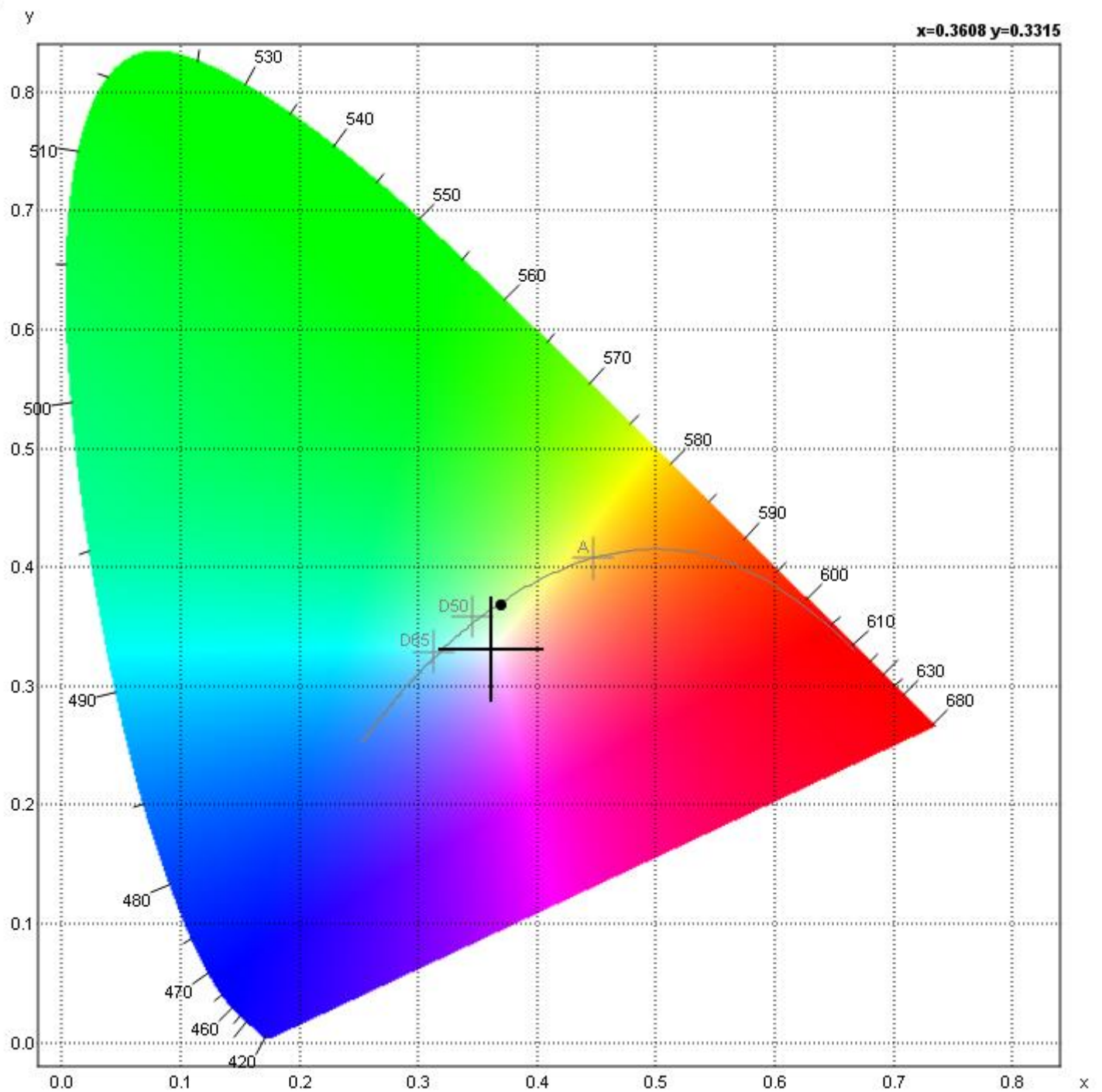
Results

Important Values	
CCT [K]	4276
Light Flux [lm]	1280,61
Delta uv	-0,0167
Ansi Bin	
Color Peak [nm]	628,81
Color Peak Value	42,42
Wavelength Domin. [nm]	619,5
Radiometric [W]	4,9595
Luminous Efficacy [lm/W]	74,2368
Power [W]	17,2503
Current [A]	0.7196
Voltage [V]	23.972
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.8

Rendering Indices	
Ra	75,3
Rf	82
Rg	107
R1	66,3
R2	78,4
R3	92,8
R4	71,4
R5	68,0
R6	68,4
R7	91,0
R8	66,5
R9	13,2
R10	53,0
R11	59,2
R12	59,6
R13	67,3
R14	95,6

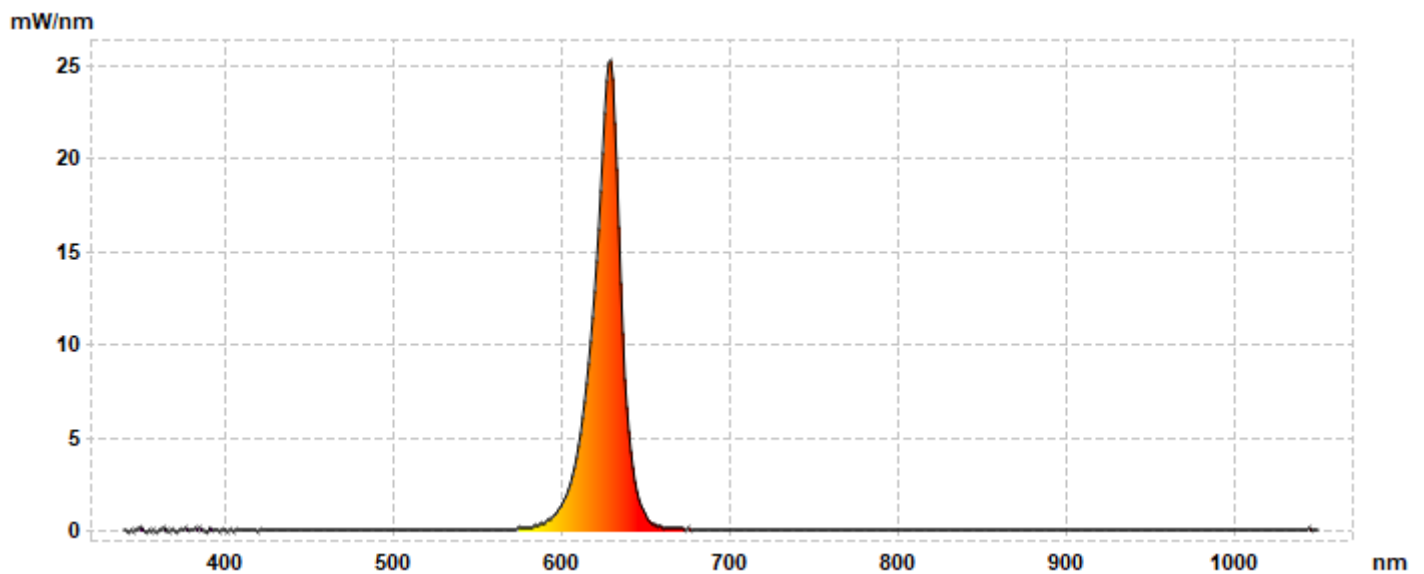
CIE 1931	
x	0,3608
y	0,3315
u'	0,2307
v'	0,4769
L	100,00
a	23,12
b	10,35
X	1393,98
Z	1188,94

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBHW Chg:170619 - Red*
 Measurement time: *2019-06-18 15:36:38*
 Report time: *2019-09-10 09:33:41*
 Signal Level: *70.102*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBHW - Red*
 Made by: *AUTLED GmbH*
 Note:

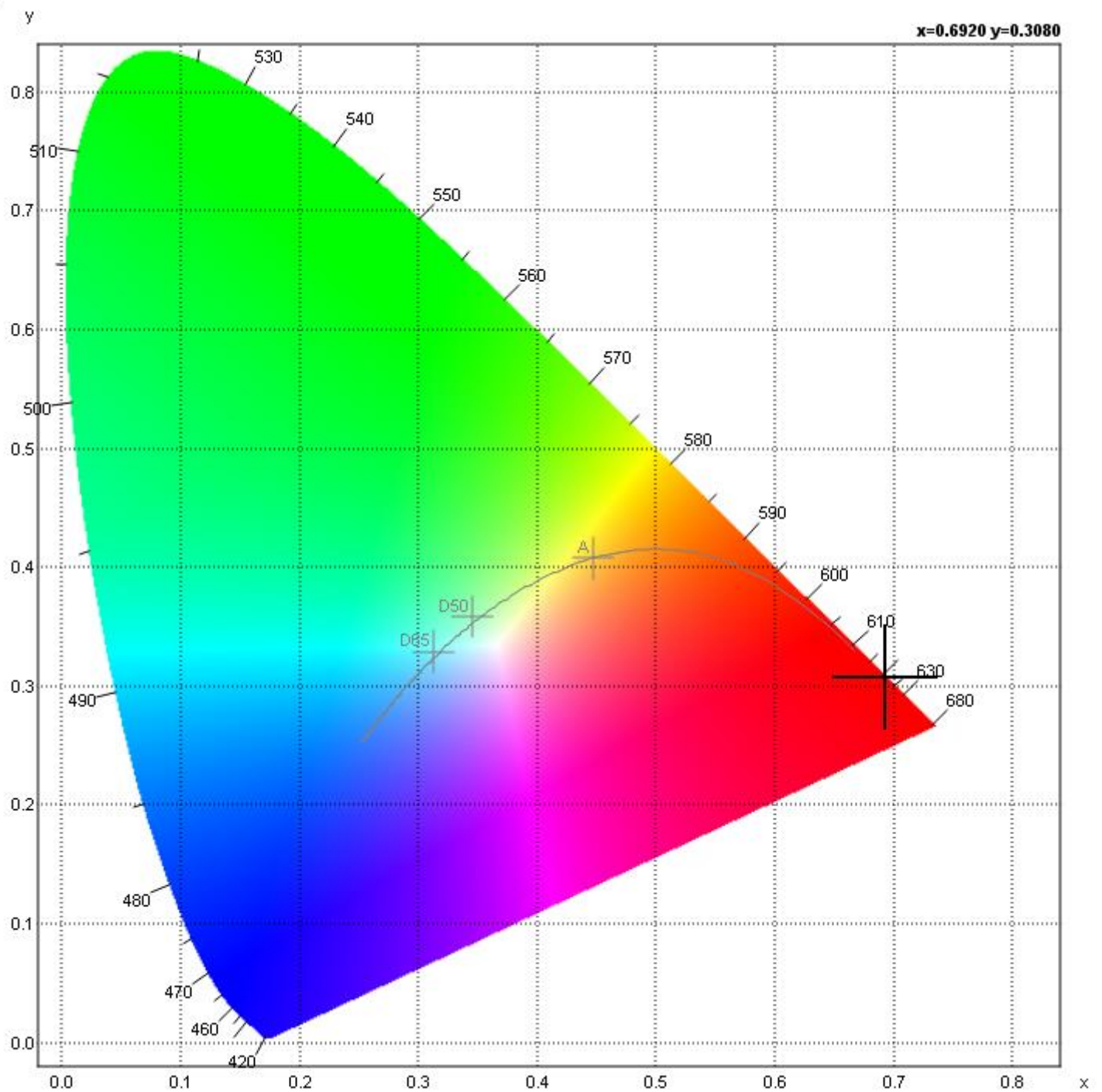
Results

Important Values	
CCT [K]	-
Light Flux [lm]	107,07
Delta uv	nan
Ansi Bin	
Color Peak [nm]	628,81
Color Peak Value	25,41
Wavelength Domin. [nm]	620,2
Radiometric [W]	0,4905
Luminous Efficacy [lm/W]	36,9147
Power [W]	2,90037
Current [A]	0.121
Voltage [V]	23.97
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	-26,5
Rf	-
Rg	-
R1	-88,1
R2	-15,0
R3	63,1
R4	-67,1
R5	-72,7
R6	-61,0
R7	52,1
R8	-23,1
R9	-100,0
R10	-100,0
R11	-100,0
R12	-78,5
R13	-91,2
R14	72,2

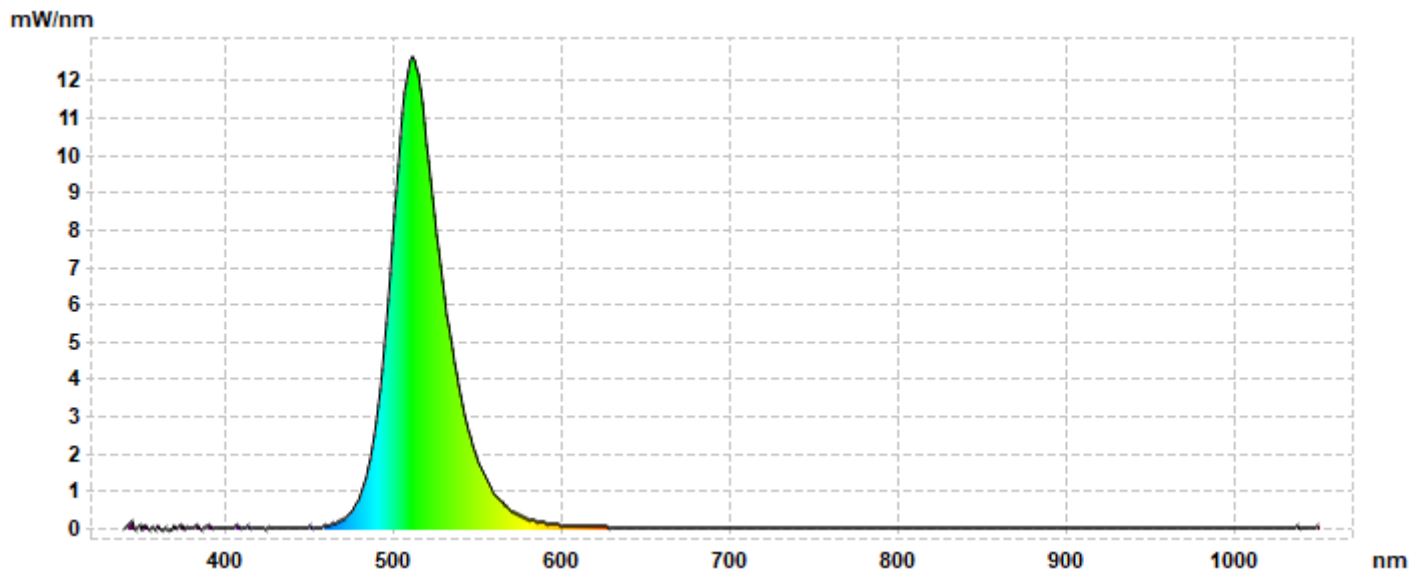
CIE 1931	
x	0,6920
y	0,3080
u'	0,5211
v'	0,5218
L	100,00
a	166,06
b	nan
X	240,56
Z	0,00

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBHW Chg:170619 - Green*
 Measurement time: *2019-06-18 15:37:10*
 Report time: *2019-09-10 09:34:07*
 Signal Level: *73.002*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBHW - Green*
 Made by: *AUTLED GmbH*
 Note:

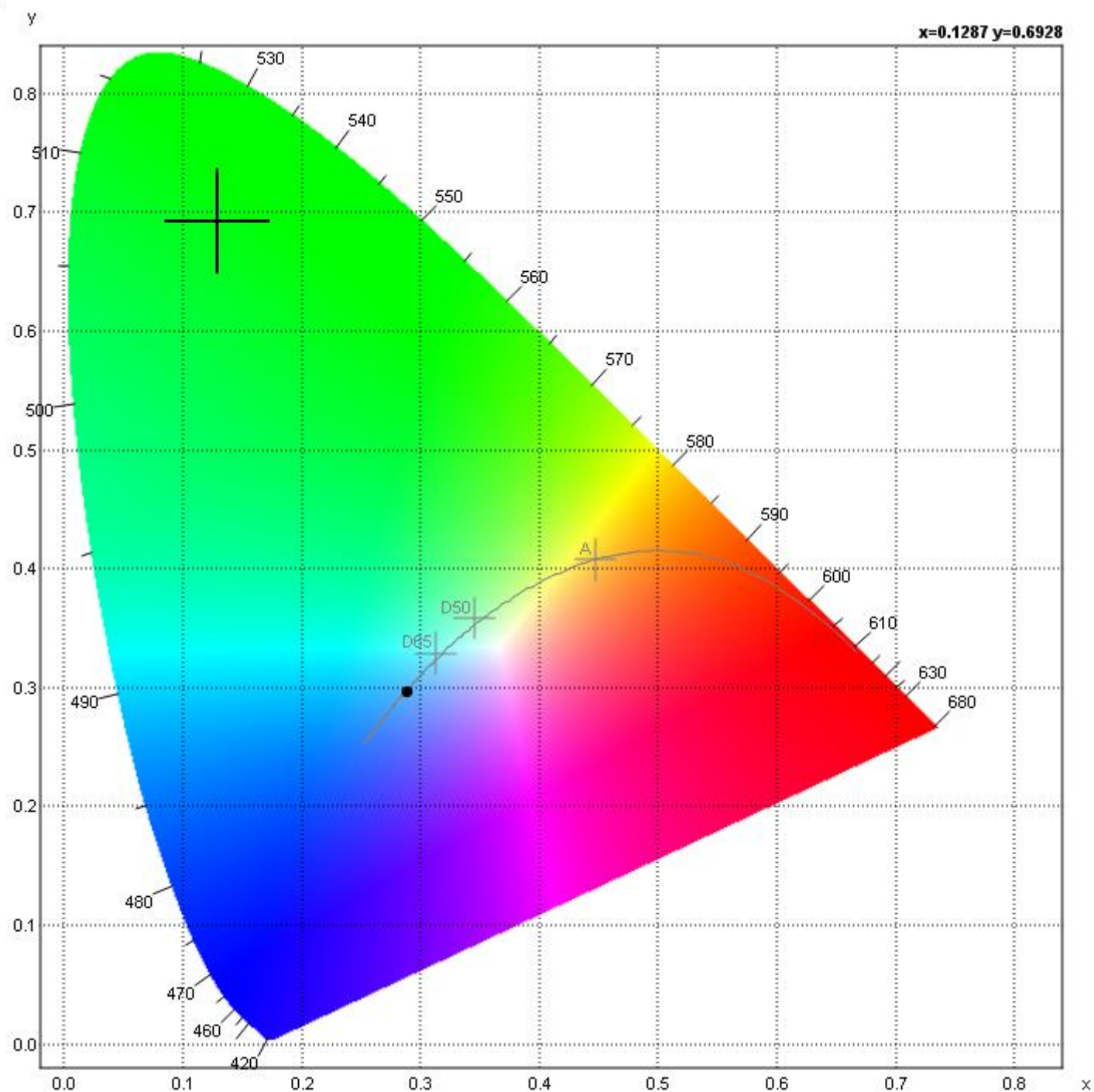
Results

Important Values	
CCT [K]	8792
Light Flux [lm]	200,81
Delta uv	0,1656
Ansi Bin	
Color Peak [nm]	511,58
Color Peak Value	12,72
Wavelength Domin. [nm]	517,1
Radiometric [W]	0,4829
Luminous Efficacy [lm/W]	68,4452
Power [W]	2,93381
Current [A]	0.1224
Voltage [V]	23.969
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	-24,6
Rf	1
Rg	8
R1	-33,9
R2	-7,9
R3	-26,1
R4	-64,1
R5	-7,4
R6	-17,5
R7	-9,6
R8	-30,7
R9	-100,0
R10	-100,0
R11	-90,1
R12	-30,3
R13	-40,9
R14	37,1

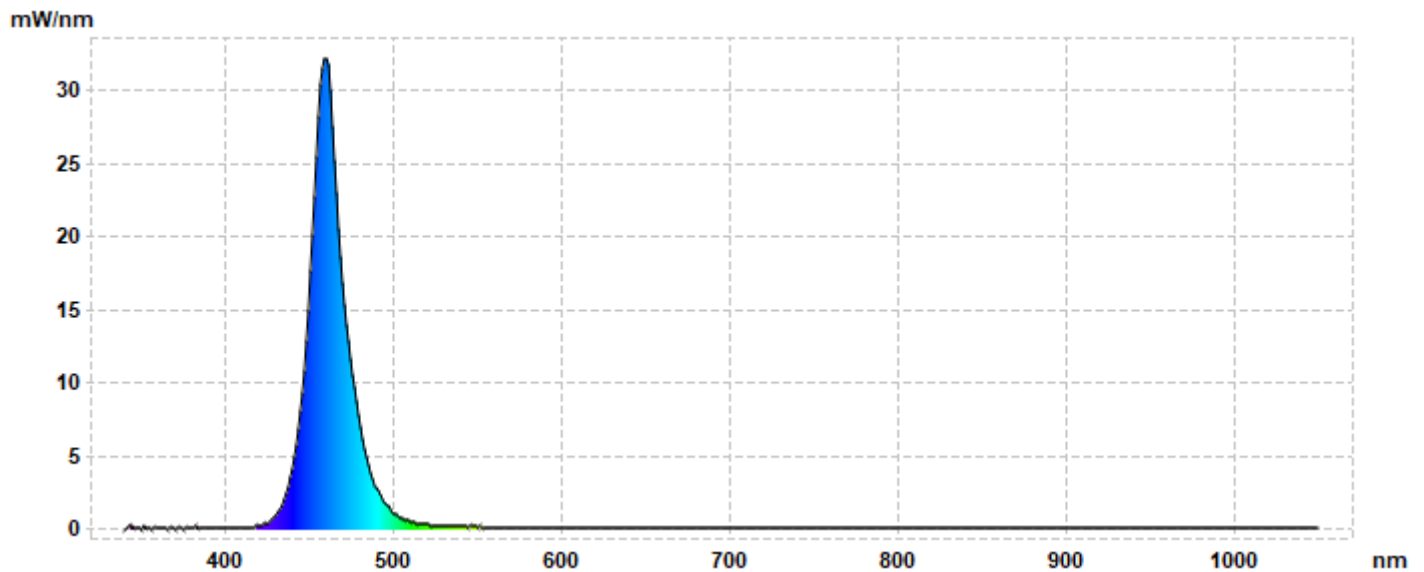
CIE 1931	
x	0,1287
y	0,6928
u'	0,0466
v'	0,5640
L	100,00
a	-209,80
b	76,30
X	37,32
Z	51,73

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBHW Chg:170619 - Blue*
 Measurement time: *2019-06-18 15:37:41*
 Report time: *2019-09-10 09:34:31*
 Signal Level: *68.218*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBHW - Blue*
 Made by: *AUTLED GmbH*
 Note:

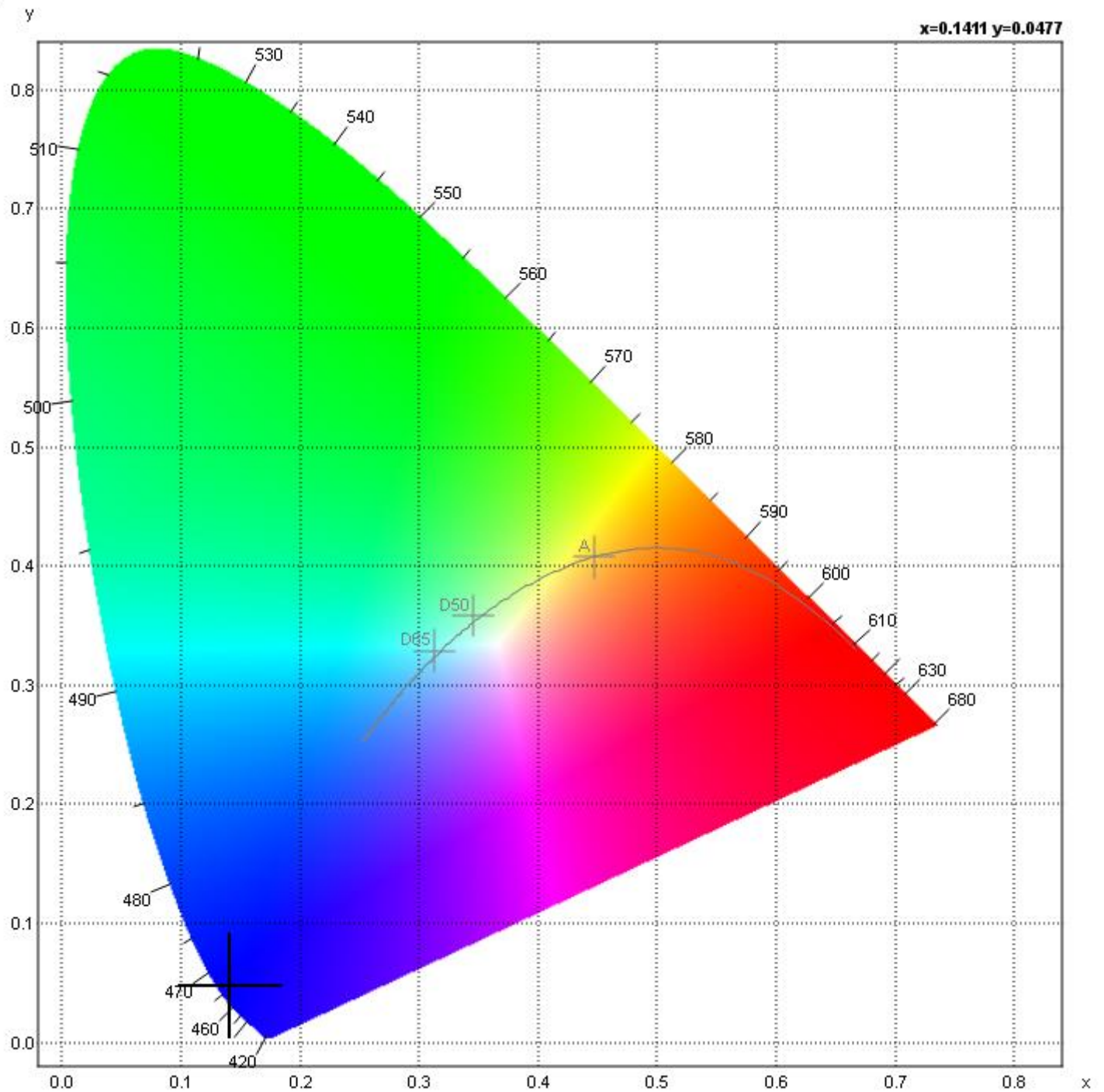
Results

Important Values	
CCT [K]	-
Light Flux [lm]	47,48
Delta uv	nan
Ansi Bin	
Color Peak [nm]	459,67
Color Peak Value	32,51
Wavelength Domin. [nm]	464,9
Radiometric [W]	0,8144
Luminous Efficacy [lm/W]	16,3426
Power [W]	2,90541
Current [A]	0.1212
Voltage [V]	23.972
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	-53,9
Rf	0
Rg	49
R1	-52,2
R2	2,8
R3	-91,5
R4	-100,0
R5	-37,3
R6	-35,6
R7	-31,2
R8	-86,6
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-36,1
R14	-5,3

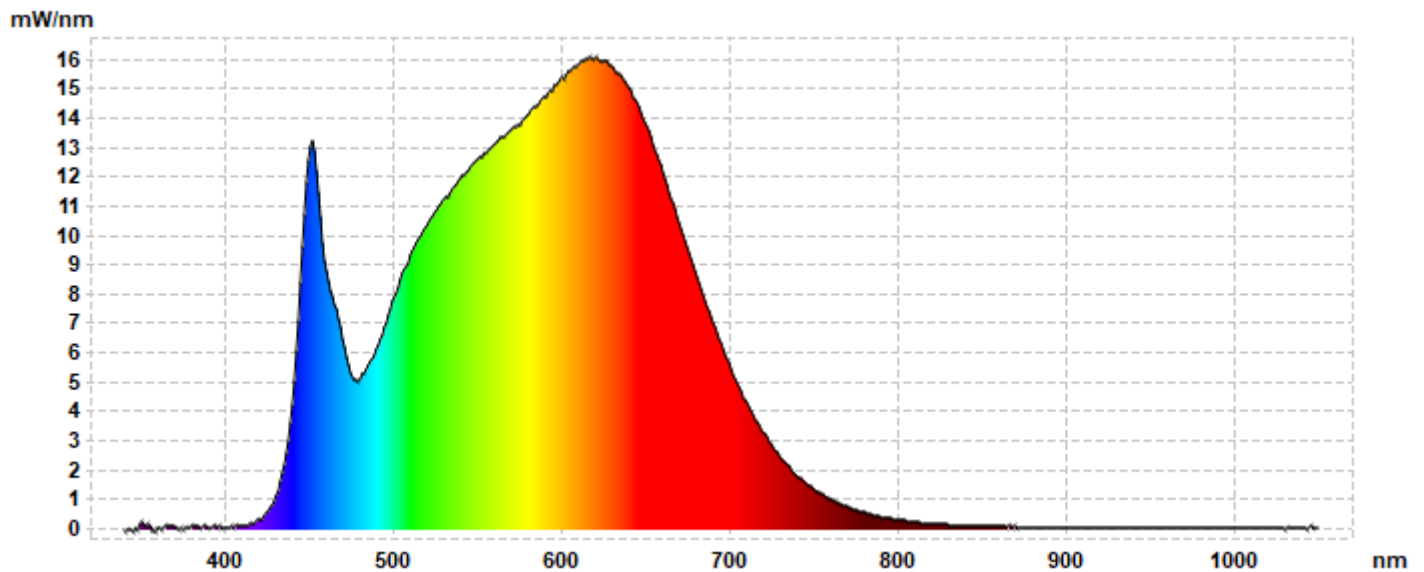
CIE 1931	
x	0,1411
y	0,0477
u'	0,1716
v'	0,1305
L	100,00
a	229,93
b	-299,82
X	140,41
Z	806,92

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBHW Chg:170619 - HW*
 Measurement time: *2019-06-18 15:53:56*
 Report time: *2019-09-10 09:34:57*
 Signal Level: *67.833*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBHW - HW*
 Made by: *AUTLED GmbH*
 Note:

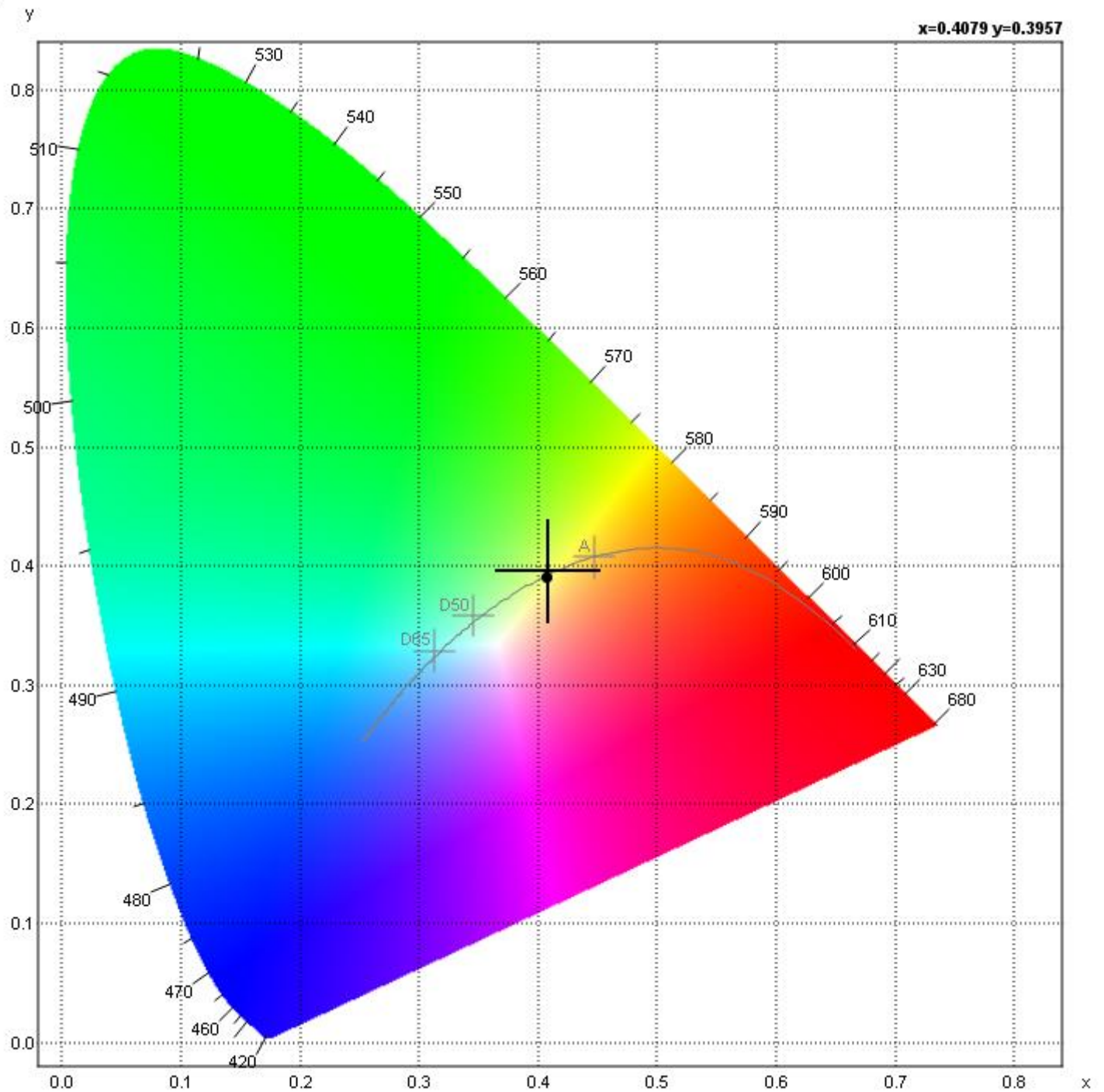
Results

Important Values	
CCT [K]	3484
Light Flux [lm]	913,54
Delta uv	0,0015
Ansi Bin	6B4
Color Peak [nm]	619,58
Color Peak Value	16,13
Wavelength Domin. [nm]	580,3
Radiometric [W]	3,1434
Luminous Efficacy [lm/W]	107,1615
Power [W]	8,52487
Current [A]	0.3559
Voltage [V]	23.953
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	92,8
Rf	90
Rg	98
R1	92,8
R2	95,3
R3	96,3
R4	92,7
R5	91,7
R6	92,9
R7	94,6
R8	85,8
R9	65,1
R10	87,7
R11	92,5
R12	72,7
R13	93,5
R14	97,4

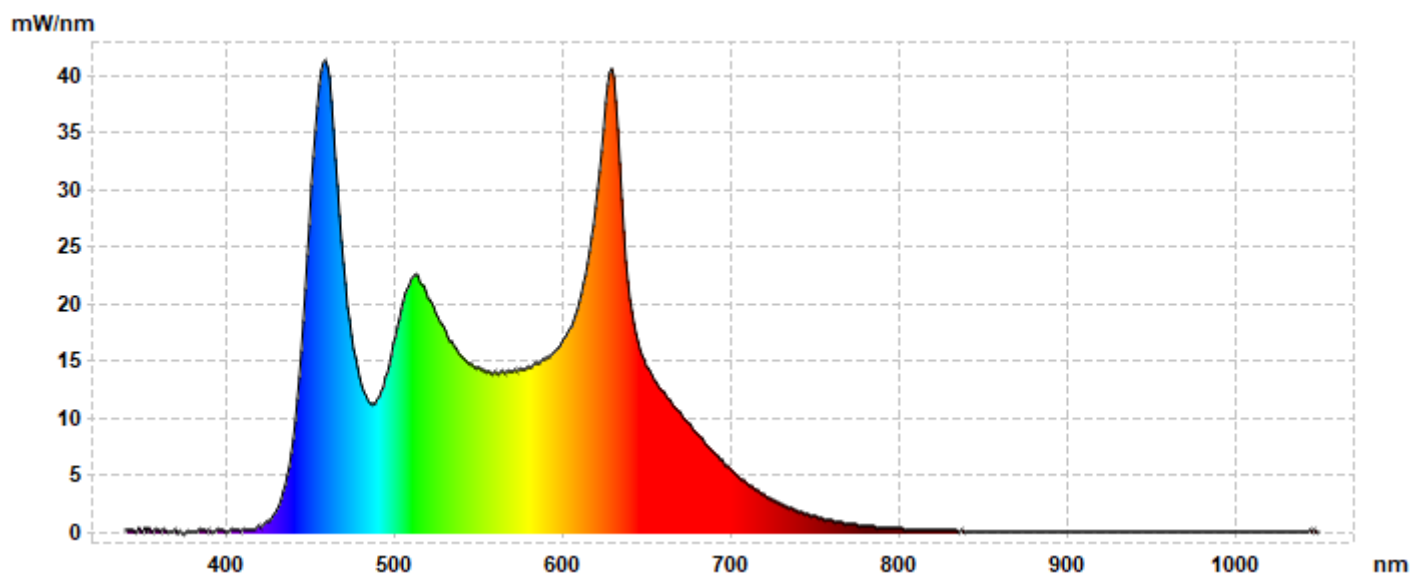
CIE 1931	
x	0,4079
y	0,3957
u'	0,2354
v'	0,5137
L	100,00
a	13,73
b	46,07
X	941,82
Z	453,51

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBHW Chg:170619 - 100%Mix*
 Measurement time: *2019-06-18 15:54:15*
 Report time: *2019-09-10 09:38:35*
 Signal Level: *70.001*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBHW - 100%Mix*
 Made by: *AUTLED GmbH*
 Note:

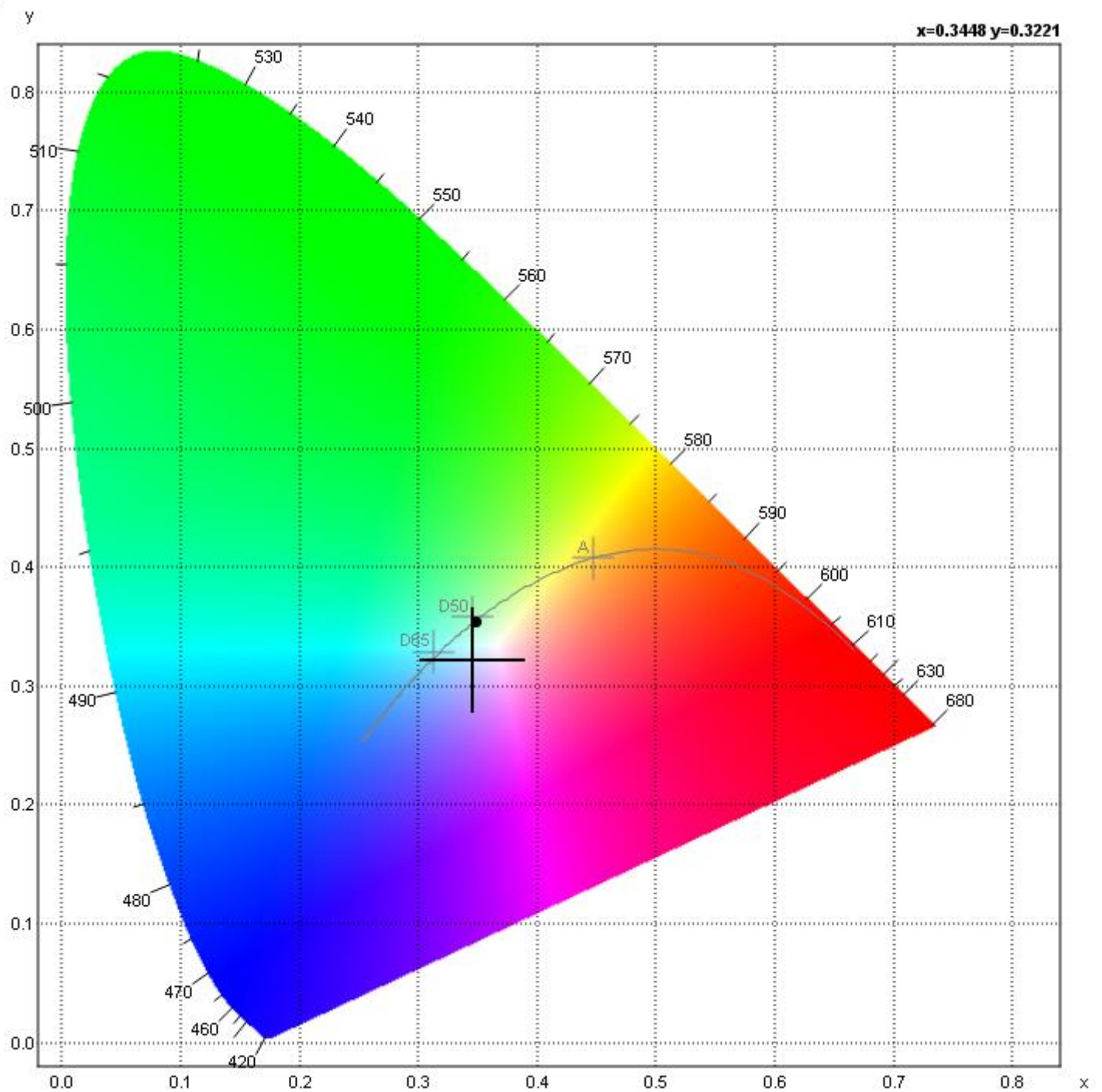
Results

Important Values	
CCT [K]	4890
Light Flux [lm]	1259,62
Delta uv	-0,0156
Ansi Bin	
Color Peak [nm]	458,68
Color Peak Value	42,16
Wavelength Domin. [nm]	699,0
Radiometric [W]	4,9115
Luminous Efficacy [lm/W]	73,7190
Power [W]	17,0868
Current [A]	0.7129
Voltage [V]	23.968
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	74,3
Rf	81
Rg	107
R1	64,6
R2	77,6
R3	93,4
R4	71,3
R5	68,0
R6	69,7
R7	88,2
R8	61,8
R9	-1,4
R10	52,1
R11	60,8
R12	61,3
R13	66,1
R14	95,1

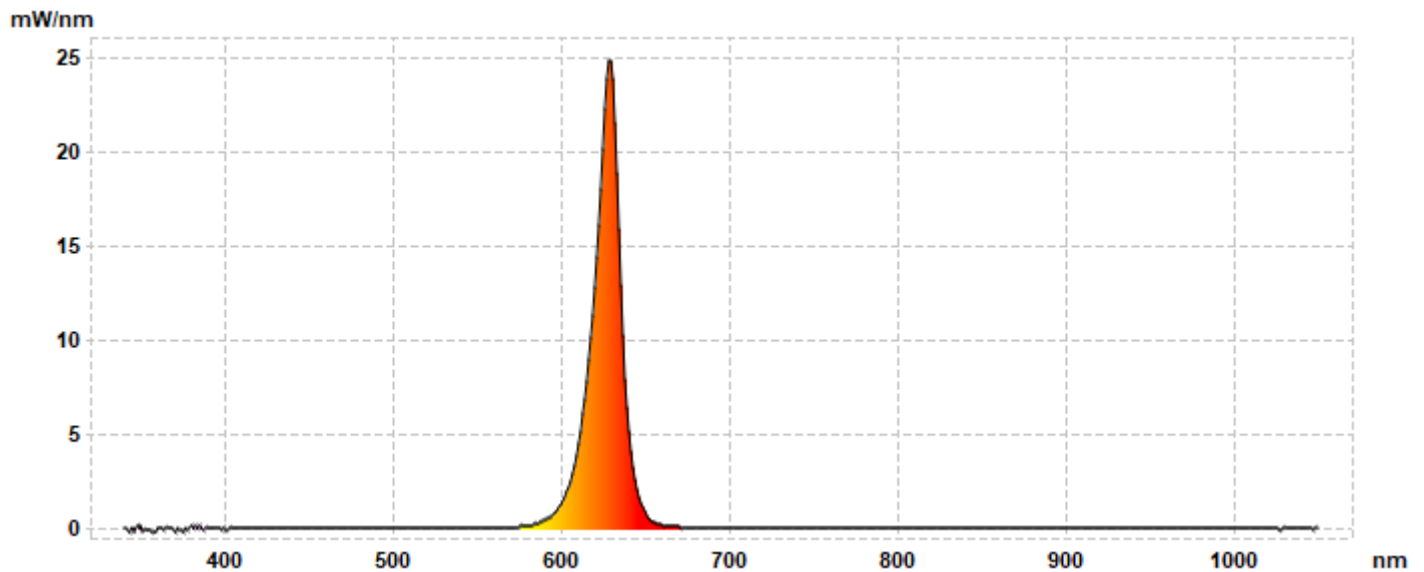
CIE 1931	
x	0,3448
y	0,3221
u'	0,2233
v'	0,4694
L	100,00
a	20,21
b	3,42
X	1348,35
Z	1302,38

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBNW Chg:170619 - Red*
 Measurement time: *2019-06-18 16:10:02*
 Report time: *2019-09-10 09:43:09*
 Signal Level: *69.322*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBNW - Red*
 Made by: *AUTLED GmbH*
 Note:

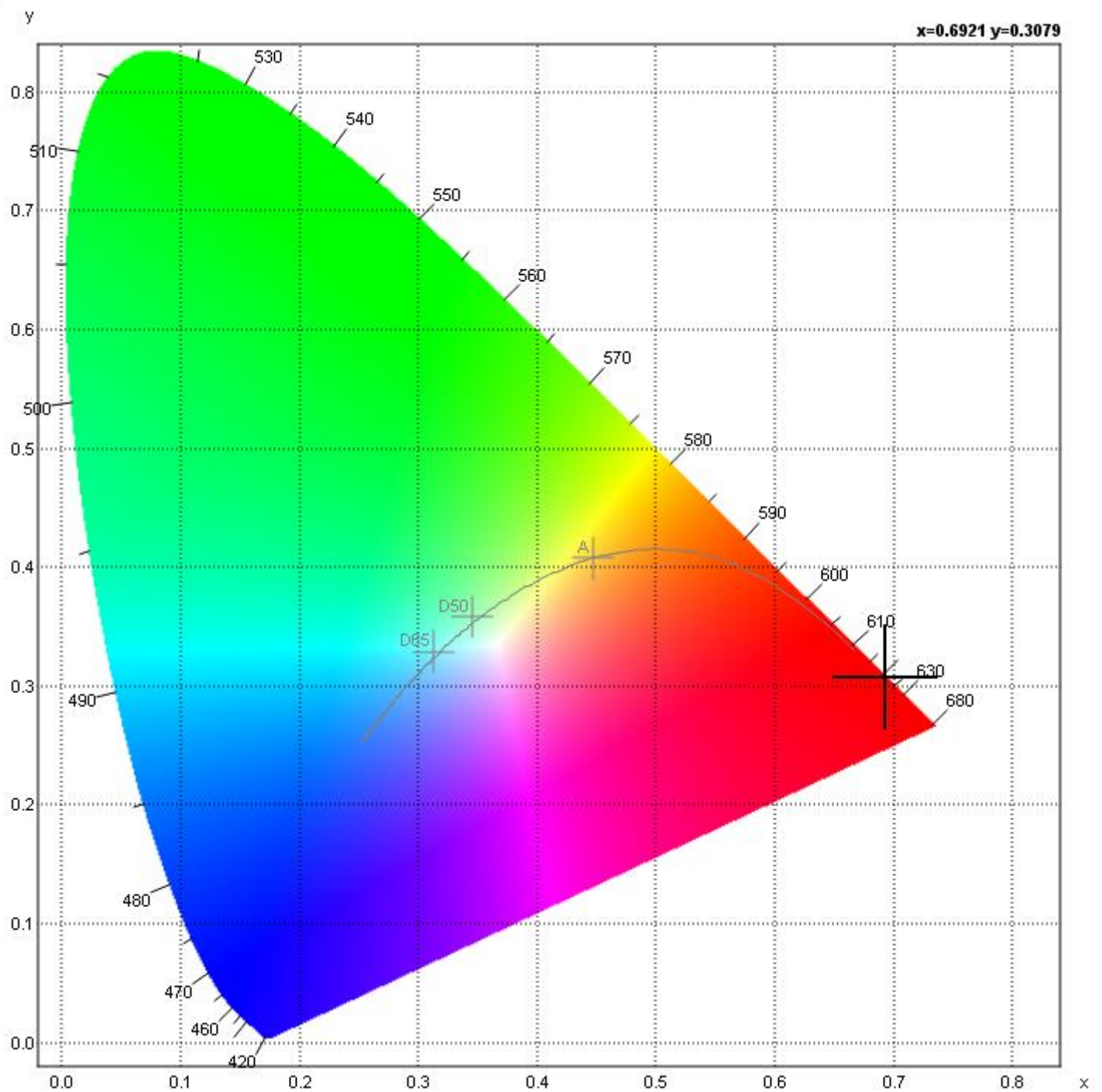
Results

Important Values	
CCT [K]	-
Light Flux [lm]	105,58
Delta uv	nan
Ansi Bin	
Color Peak [nm]	628,81
Color Peak Value	25,07
Wavelength Domin. [nm]	620,2
Radiometric [W]	0,4810
Luminous Efficacy [lm/W]	36,2196
Power [W]	2,915
Current [A]	0.1216
Voltage [V]	23.972
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	-26,9
Rf	-
Rg	-
R1	-90,0
R2	-14,8
R3	63,8
R4	-67,1
R5	-74,0
R6	-63,9
R7	52,8
R8	-22,3
R9	-100,0
R10	-100,0
R11	-100,0
R12	-81,1
R13	-91,7
R14	71,1

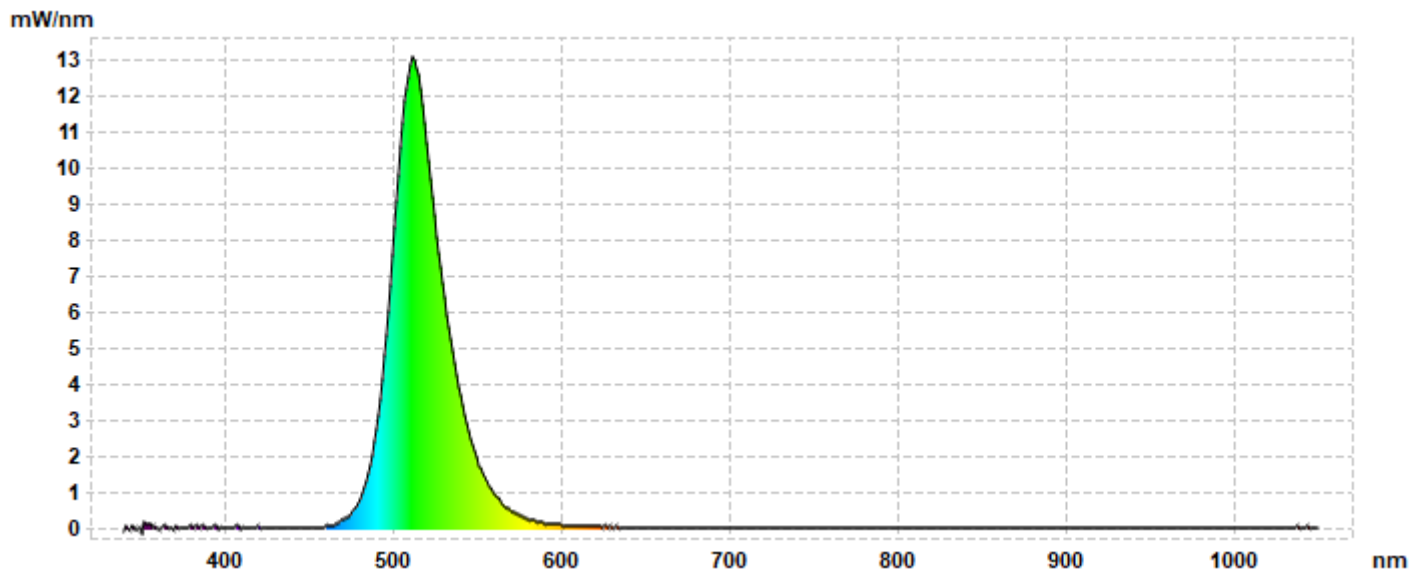
CIE 1931	
x	0,6921
y	0,3079
u'	0,5213
v'	0,5218
L	100,00
a	166,15
b	nan
X	237,32
Z	0,00

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBNW Chg:170619 - Green*
 Measurement time: *2019-06-18 16:10:36*
 Report time: *2019-09-10 09:43:28*
 Signal Level: *71.732*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBNW - Green*
 Made by: *AUTLED GmbH*
 Note:

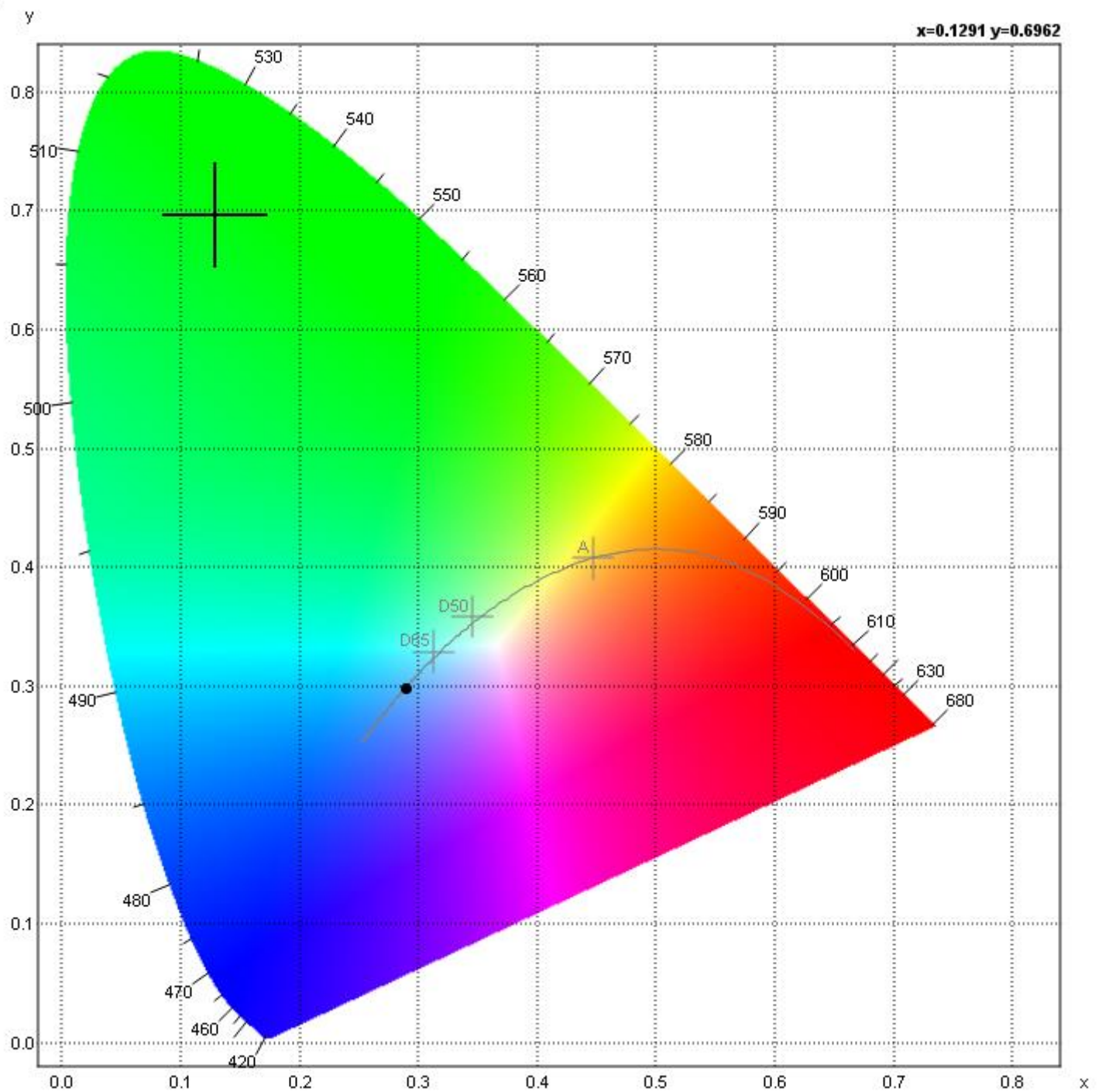
Results

Important Values	
CCT [K]	8740
Light Flux [lm]	205,38
Delta uv	0,1659
Ansi Bin	
Color Peak [nm]	511,58
Color Peak Value	13,12
Wavelength Domin. [nm]	517,4
Radiometric [W]	0,4915
Luminous Efficacy [lm/W]	70,6379
Power [W]	2,90744
Current [A]	0.1213
Voltage [V]	23.969
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	22.0

Rendering Indices	
Ra	-25,0
Rf	1
Rg	8
R1	-34,1
R2	-8,4
R3	-26,8
R4	-64,3
R5	-7,6
R6	-18,1
R7	-9,8
R8	-30,9
R9	-100,0
R10	-100,0
R11	-90,7
R12	-31,6
R13	-41,2
R14	36,8

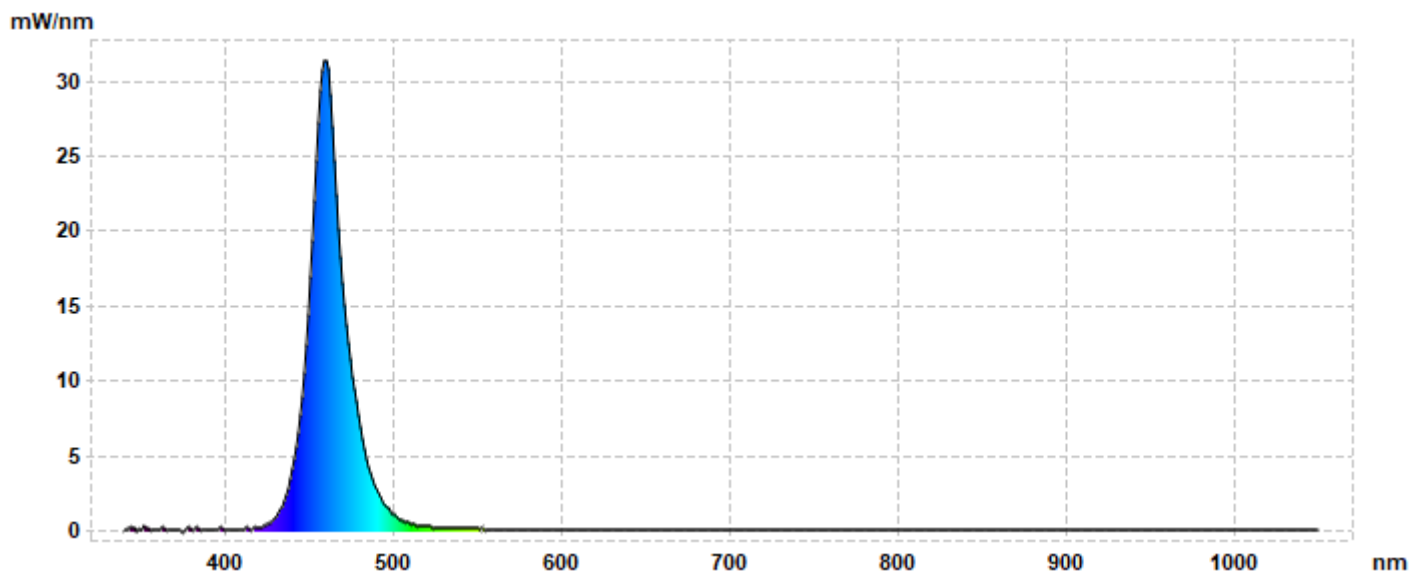
CIE 1931	
x	0,1291
y	0,6962
u'	0,0465
v'	0,5647
L	100,00
a	-210,04
b	77,36
X	38,07
Z	51,55

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBNW Chg:170619 - Blue*
 Measurement time: *2019-06-18 16:14:15*
 Report time: *2019-09-10 09:43:46*
 Signal Level: *70.520*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBNW - Blue*
 Made by: *AUTLED GmbH*
 Note:

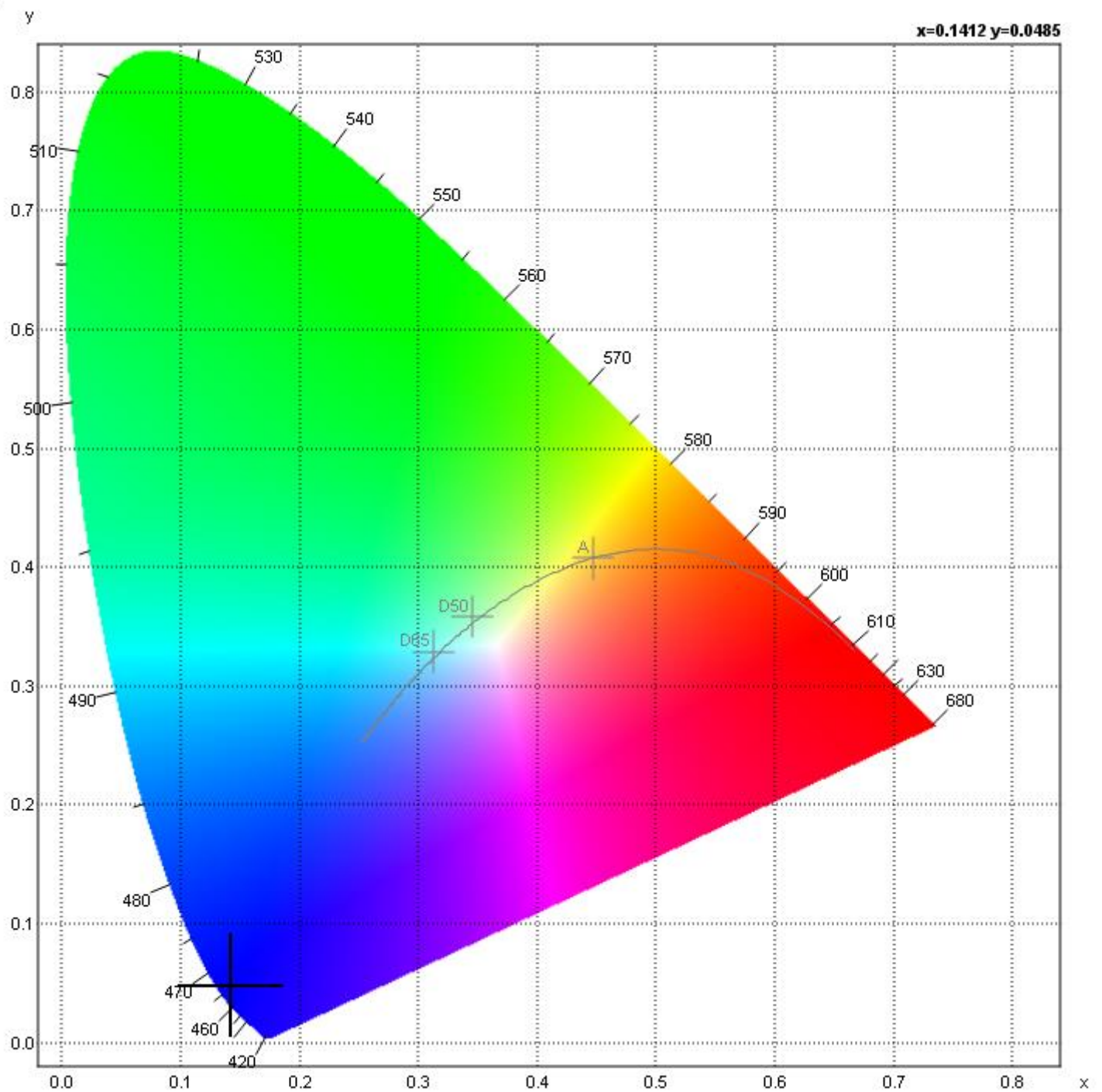
Results

Important Values	
CCT [K]	-
Light Flux [lm]	47,07
Delta uv	nan
Ansi Bin	
Color Peak [nm]	459,67
Color Peak Value	31,73
Wavelength Domin. [nm]	465,0
Radiometric [W]	0,8021
Luminous Efficacy [lm/W]	16,2598
Power [W]	2,89473
Current [A]	0.1208
Voltage [V]	23.963
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	-53,3
Rf	0
Rg	51
R1	-49,9
R2	4,7
R3	-93,4
R4	-100,0
R5	-35,5
R6	-33,4
R7	-31,9
R8	-86,8
R9	-100,0
R10	-100,0
R11	-100,0
R12	-100,0
R13	-33,0
R14	-6,1

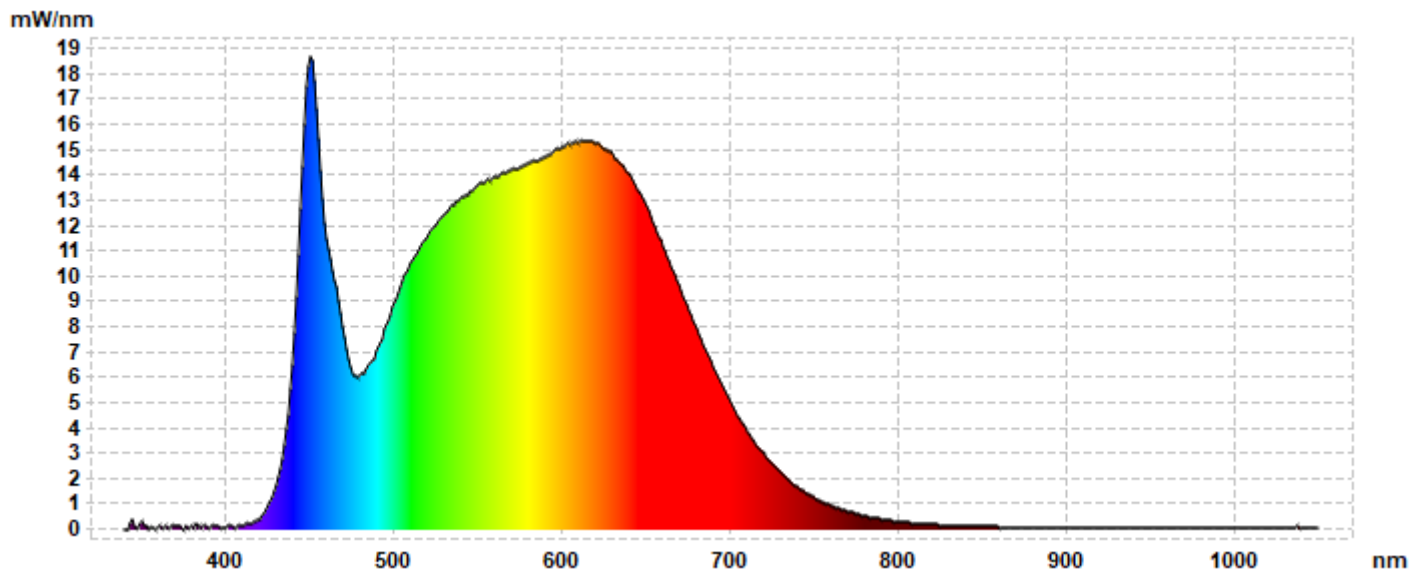
CIE 1931	
x	0,1412
y	0,0485
u'	0,1713
v'	0,1322
L	100,00
a	226,39
b	-297,10
X	137,17
Z	786,89

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBNW Chg:170619 - NW*
 Measurement time: *2019-06-18 16:36:36*
 Report time: *2019-09-10 09:44:20*
 Signal Level: *68.667*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBNW - NW*
 Made by: *AUTLED GmbH*
 Note:

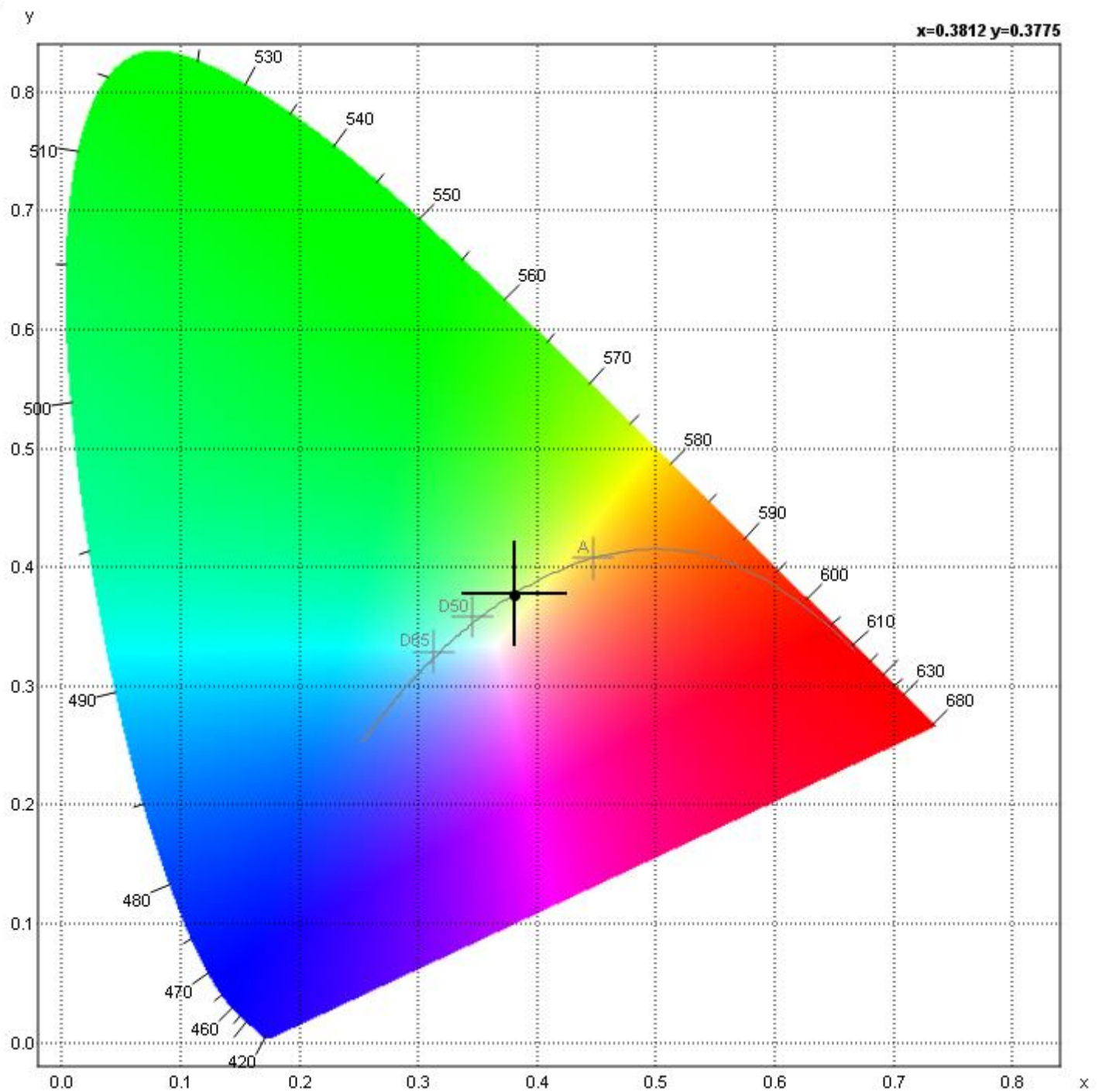
Results

Important Values	
CCT [K]	3985
Light Flux [lm]	954,56
Delta uv	0,0001
Ansi Bin	5A3
Color Peak [nm]	450,74
Color Peak Value	18,81
Wavelength Domin. [nm]	579,1
Radiometric [W]	3,2781
Luminous Efficacy [lm/W]	110,9583
Power [W]	8,60283
Current [A]	0.3589
Voltage [V]	23.97
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	92,4
Rf	89
Rg	99
R1	92,6
R2	94,9
R3	95,0
R4	92,2
R5	91,4
R6	91,3
R7	94,8
R8	86,8
R9	66,0
R10	86,4
R11	91,6
R12	69,1
R13	93,3
R14	96,9

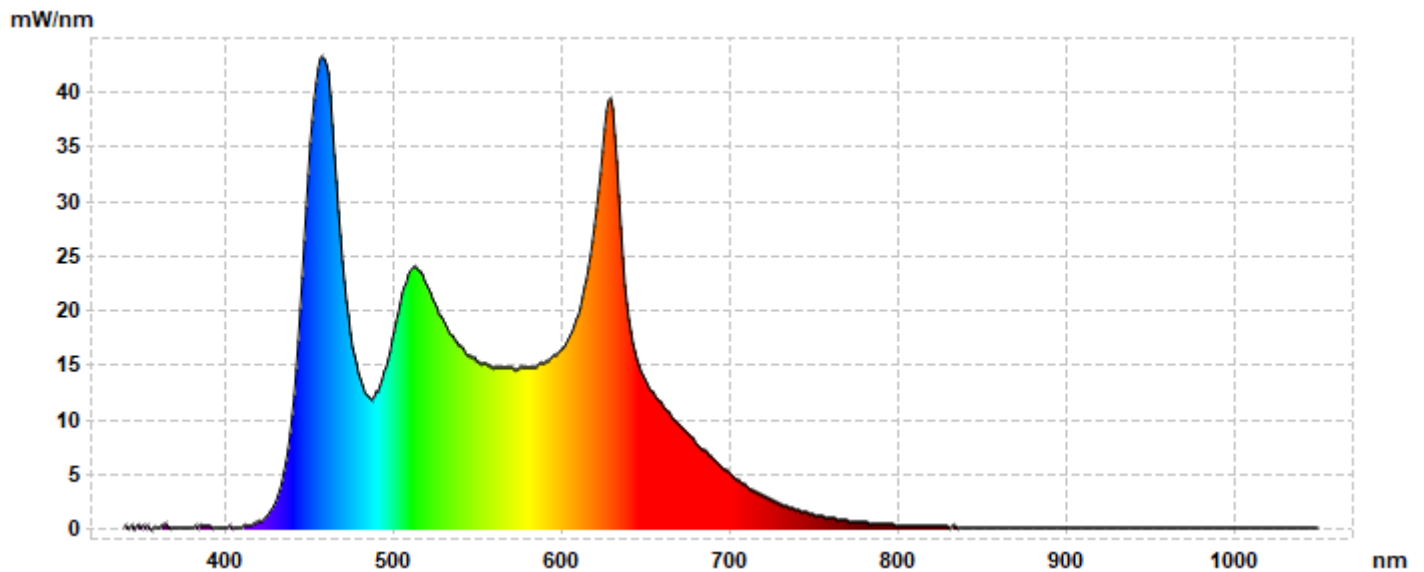
CIE 1931	
x	0,3812
y	0,3775
u'	0,2253
v'	0,5020
L	100,00
a	10,21
b	32,54
X	963,97
Z	610,14

CIE 1931



Measuring Report

Spectrum



Measurement name: *FS-80-RGBNW Chg:170619 - 100%Mix*
 Measurement time: *2019-06-18 16:41:03*
 Report time: *2019-09-10 09:44:45*
 Signal Level: *69.400*
 Device: *GLX10t 1104N041*
 Item No: *FS-80-RGBNW - 100%Mix*
 Made by: *AUTLED GmbH*
 Note:

Results

Important Values	
CCT [K]	5484
Light Flux [lm]	1303,97
Delta uv	-0,0128
Ansi Bin	
Color Peak [nm]	458,68
Color Peak Value	43,45
Wavelength Domin. [nm]	360,0
Radiometric [W]	5,0225
Luminous Efficacy [lm/W]	76,1275
Power [W]	17,1287
Current [A]	0.7145
Voltage [V]	23.973
Frequency [Hz]	
Power Factor	
Sensor Temperature [°C]	21.9

Rendering Indices	
Ra	76,4
Rf	83
Rg	107
R1	66,5
R2	80,2
R3	95,3
R4	71,9
R5	70,5
R6	73,7
R7	89,7
R8	63,5
R9	0,6
R10	58,3
R11	61,6
R12	67,8
R13	68,5
R14	95,0

CIE 1931	
x	0,3326
y	0,3175
u'	0,2165
v'	0,4650
L	100,00
a	16,48
b	-0,81
X	1366,02
Z	1437,21

CIE 1931

